

Section 29

Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government*, and in the June issues of the *Survey of Current Business*. Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations*; and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*.

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country*; Report FT 410, *U.S. Exports, Schedule E: Commodity by Country*; and Report FT 990, *Highlights of U.S. Export and Import Trade*. The *Bureau of the Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The merchandise trade data in the latter source include balance of payments adjustments to the Census data. The Treasury Department's *Monthly Treasury Statement of Receipts and Outlays of the United States Government* contains information on import duties.

International accounts.—The international transactions tables (Nos. 1354-1356) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1357) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors are changes in the valuation of assets or liabilities, including changes in prices of securities, defaults, expropriations, and write-offs.

Direct investment abroad means the ownership or control, directly or indirectly, by one person of 10 percent or more of the voting securities of an incorporated business enterprise or an equivalent interest in an unincorporated business enterprise. Direct investment position is the value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates, less foreign affiliates' receivables due from their U.S. parents. Income consists of parents' shares in the earnings of their affiliates plus net interest received by parents on intercompany accounts, less withholding taxes on dividends and interest.

Foreign aid.—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on

credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, Government investments in certain productive enterprises abroad, Government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 for certain countries in Southeast Asia and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors, due largely to differences in reporting, timing, and treatment of particular items.

Exports.—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from \$100-\$499 for July 1953-September 1969, \$251-\$499 for October 1969-February 1979, and \$501-\$999, for March 1979-June 1981. For July 1981-December 1984, the statistics for countries other than Canada reflect fully compiled data for shipments valued over \$500. For Canada, the upper value limit was \$1,999 during the period January 1963-December 1984, and lower value limits were raised to \$251 and \$501 in October 1969 and March 1979, respectively. Beginning 1985, data for low-valued exports to all countries are estimated using factors based on the ratios of low-valued shipments to individual country totals. From January, 1985 through December 1986, data are estimated for all shipments valued under \$1,001. Effective January 1987, data are estimated for shipments valued under \$1,501. Shipments valued under \$1,501 represent slightly less than 2.5 percent of the total value of exports.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

Imports.—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974-1981, data on import values were presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amendments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the

arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General imports" or "Imports for consumption." General imports are a combination of entries for immediate consumption, entries into customs bonded warehouses, and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include estimates, not classified by commodity, for certain low-valued shipments. For July 1953-July 1965, entries valued under \$100, in general, were estimated, while entries valued under \$251 have been estimated for the period July 1965-December 1984. Since January 1985, import statistics include estimates for shipments valued under \$1,001. The estimated low-valued shipments generally amount to about 4 percent of the import total.

Area coverage.—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

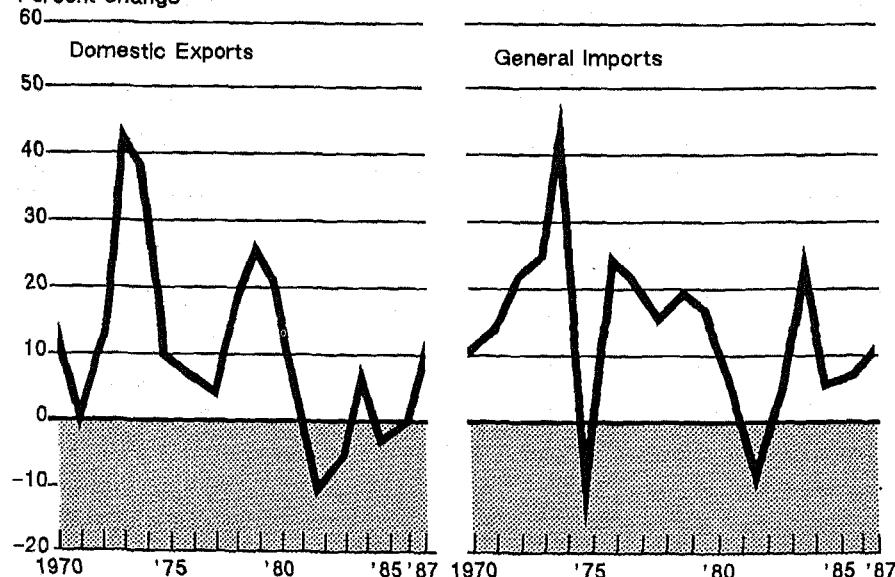
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix IV.

Figure 29.1

U.S. Exports and Imports—Annual Percent Change: 1970 to 1987

Percent change

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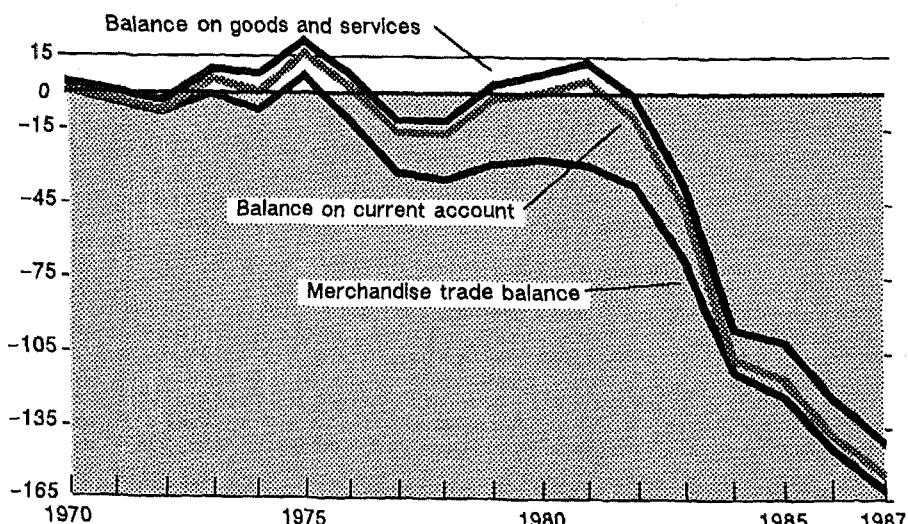
Source: Chart prepared by U.S. Bureau of the Census. For data see table 1369.

Figure 29.2

U.S. International Transaction Balances: 1970 to 1987

Billions of dollars

45



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1354.

International Transactions

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No. 1354. U.S. INTERNATIONAL TRANSACTIONS—SUMMARY: 1960 TO 1988

[In billions of dollars. Reserve assets are for end of period. Minus sign (–) indicates debits, see headnote, table 1356]

YEAR	Merchandise trade balance ¹	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods and services	Unilateral transfers ¹	Balance on current account	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960.....	4.9	3.4	-2.8	-1.0	.6	5.2	-2.4	2.8	2.3	-4.1	19.4
1965.....	5.0	5.3	-2.1	-1.3	1.5	8.4	-2.9	5.4	.7	-5.7	15.5
1966.....	3.8	5.0	-2.9	-1.3	1.5	6.1	-3.1	3.0	3.7	-7.3	14.9
1967.....	3.8	5.3	-3.2	-1.8	1.7	5.8	-3.3	2.6	7.4	-9.8	14.8
1968.....	.6	6.0	-3.1	-1.5	1.8	3.7	-3.1	.6	9.9	-11.0	15.7
1969.....	.6	6.0	-3.3	-1.8	2.0	3.5	-3.1	.4	12.7	-11.6	17.0
1970.....	2.6	6.2	-3.4	-2.0	2.3	5.8	-3.4	2.3	6.4	-9.3	14.5
1971.....	-2.3	7.3	-2.9	-2.3	2.6	2.4	-3.9	-1.4	23.0	-12.5	12.2
1972.....	-6.4	8.2	-3.4	-3.1	3.0	-1.7	-4.1	-5.8	21.5	-14.5	13.2
1973.....	.9	12.2	-2.1	-3.2	3.4	11.2	-4.1	7.1	18.4	-22.9	14.4
1974.....	-5.5	15.5	-1.7	-3.2	4.2	9.4	-7.4	2.0	34.2	-34.7	15.9
1975.....	8.9	12.8	-7	-2.8	4.9	23.0	-4.9	18.1	15.7	-39.7	16.2
1976.....	-9.5	16.0	-6	-2.6	5.0	9.5	-5.3	4.2	36.5	-51.3	18.7
1977.....	-31.1	18.0	1.5	-3.6	5.7	-9.5	-5.0	-14.5	51.3	-34.8	19.3
1978.....	-33.9	20.6	-6	-3.6	6.5	-9.9	-5.6	-15.4	64.0	-61.1	18.7
1979.....	-27.5	31.2	-1.8	-2.9	6.2	5.1	-6.1	-1.0	38.8	-64.3	19.0
1980.....	-25.5	30.4	-2.2	-1.0	7.8	9.5	-7.6	1.9	58.1	-86.1	26.8
1981.....	-28.0	34.1	-1.2	-1	9.3	14.3	-7.5	6.9	11.0	-30.1	30.1
1982.....	-36.4	28.7	-3	-1.0	8.3	3	-9.0	-8.7	93.7	-121.2	34.0
1983.....	-67.1	24.9	-2	-4.2	8.9	-36.8	-9.5	-46.2	84.9	-49.8	33.7
1984.....	-112.5	18.5	-2.1	-8.6	9.8	-95.0	-12.1	-107.1	102.6	-22.3	34.9
1985.....	-122.1	25.9	-3.4	-10.0	9.6	-100.1	-15.0	-115.1	129.9	-32.6	43.2
1986.....	-144.5	23.1	-4.4	-9.3	11.6	-123.5	-15.3	-136.8	221.0	-98.0	48.5
1987.....	-160.3	20.4	-2.4	-10.3	12.0	-140.5	-13.4	-154.0	211.5	-76.0	45.8
1988, 1st quarter	-35.2	1.2	-1.0	-2.1	3.4	-33.8	-3.1	-36.9	26.1	6.6	43.2
2d quarter.....	-29.9	-1.7	-9	-1.4	3.5	-30.4	-2.9	-33.3	62.3	-13.3	41.0

¹ Excludes military grants.

Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly; and *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

NO. 1355. U.S. BALANCES ON INTERNATIONAL TRANSACTIONS, BY AREA AND SELECTED COUNTRY: 1985 TO 1987

[In millions of dollars. Minus sign (–) indicates debits]

AREA OR COUNTRY	1985, BALANCE ON—			1986, BALANCE ON—			1987, BALANCE ON—		
	Merchandise trade ¹	Goods and services	Current account	Merchandise trade ¹	Goods and services	Current account	Merchandise trade ¹	Goods and services	Current account
All areas	-122,148	-100,093	-115,103	-144,547	-123,520	-138,828	-160,280	-140,519	-153,964
Western Europe.....	-21,439	-27,654	-28,276	-28,409	-33,649	-34,039	-27,457	-34,162	-34,112
European Economic Community ²	-17,400	-22,502	-22,283	-22,149	-26,692	-26,427	-21,867	-26,188	-25,623
United Kingdom.....	-3,388	-5,381	-5,171	-3,881	-12,365	-12,089	-3,418	-12,490	-12,181
Belgium-Luxembourg.....	1,536	2,658	2,844	1,521	3,752	3,725	1,917	4,008	3,978
France.....	-2,810	-1,878	-1,948	-2,380	-773	-853	-2,491	-257	-337
West Germany.....	-10,596	-16,458	-15,971	-14,052	-18,244	-17,493	-15,404	-19,493	-18,561
Italy.....	-4,798	-4,492	-4,705	-5,599	-3,227	-3,463	-5,567	-4,204	-4,445
Netherlands.....	3,130	2,810	2,792	3,151	4,096	4,077	3,252	3,774	3,755
Other Western Europe.....	-4,039	-5,151	-5,993	-6,260	-6,957	-7,612	-5,590	-7,974	-8,489
Eastern Europe.....	1,411	1,606	1,402	65	605	446	319	253	94
Canada.....	-15,004	-5,322	-5,565	-13,020	-2,290	-2,567	-12,555	-65	-361
Latin America, other Western Hemisphere.....	-15,321	-6,929	-9,723	-11,177	-4,080	-6,736	-12,273	-10,319	-13,350
Mexico.....	-5,718	-4,131	-4,622	-5,343	-4,980	-5,480	-5,740	-5,633	-6,189
Venezuela.....	-3,458	-2,502	-2,520	-1,709	-1,133	-1,151	-2,094	-1,351	-1,381
Australia.....	2,363	3,614	3,573	2,494	3,608	3,562	2,339	4,254	4,206
South Africa ³	-725	-334	-348	-1,327	-723	-546	176	888	874
Japan ⁴	-43,508	-45,140	-45,208	-54,422	-58,042	-56,109	-56,944	-58,476	-58,544
Other Asia and Africa.....	-29,845	-21,604	-31,363	-38,751	-31,881	-42,600	-53,419	-44,395	-53,928
Int'l. and unallocated.....	192	1,817	577	-	932	-23	-	2,063	1,154

¹ Represents zero. ² Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures. ³ Includes Denmark, Greece, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately. Beginning in 1986, also includes Spain and Portugal, not shown separately. ⁴ Includes New Zealand. ⁵ Includes Ryukyu Islands.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1988.

Foreign Commerce and Aid

NO. 1356. U.S. INTERNATIONAL TRANSACTIONS BY TYPE OF TRANSACTION: 1970 TO 1987

[In millions of dollars. Minus sign (-) indicates debits. See also Historical Statistics, Colonial Times to 1970, series U 1-25.]

TYPE OF TRANSACTION	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Exports of goods and services¹												
Merchandise, excl. military 2,3	42,469	107,088	142,054	184,473	224,289	287,085	311,783	317,754	215,935	223,969	249,570	24,588
Foods, feeds, and beverages	5,674	19,234	25,287	30,171	55,893	59,319	63,296	65,416	60,275	64,068	69,115	.....
Industrial supplies and materials	13,795	28,789	38,820	57,812	69,743	69,426	74,945	69,230	76,519	73,032	88,100	.....
Capital goods, except automotive	14,659	26,639	46,714	55,985	18,065	17,098	19,254	18,316	22,147	24,917	26,290	.....
Automotive vehicles and parts	3,870	10,794	15,522	16,899	16,311	15,442	15,593	13,968	13,134	14,612	17,952	.....
Consumer goods (nonfood)	2,798	10,520	6,550	10,251	12,899	12,744	12,344	9,876	8,738	8,583	11,529	.....
Transfers under U.S. military agency sales contracts	1,501	4,049	7,979	6,518	8,274	10,041	11,986	12,344	28,398	29,519	32,095	37,161
Travel and transportation	6,000	11,576	16,922	20,568	21,797	23,594	27,884	27,747	21,597	21,597	22,807	.....
Miscellaneous services	3,957	7,686	10,801	11,107	12,641	14,512	14,952	17,972	16,839	16,839	20,296	.....
Income on U.S. assets abroad	8,169	25,351	42,245	64,132	72,505	85,519	83,549	87,251	88,837	90,110	103,756	.....
Direct investment	2,671	16,699	25,458	38,183	37,145	32,549	29,381	20,499	30,120	38,417	52,308	46,116
Other private receipts	907	1,112	1,843	2,295	2,562	3,798	50,862	51,920	51,217	51,217	49,484	5,332
U.S. Government receipts							3,680	4,118	5,227	5,504	6,420	.....
Transfers of goods and services under U.S. military grants, net												
Merchandise, excl. military 2,3	2,713	2,207	236	485	756	679	585	180	153	46	101	58
Foods, feeds, and beverages	-59,901	-132,745	-229,869	-281,659	-383,020	-349,155	-349,292	-371,300	-455,746	-460,687	-488,573	-585,342
Industrial supplies and materials	-39,866	-98,185	-176,001	-212,009	-249,749	-295,063	-247,642	-288,900	-382,422	-388,083	-388,516	-409,850
Capital goods, except automotive	-6,147	-9,642	-15,836	-18,001	-18,548	-18,531	-17,462	-18,871	-21,873	-24,345	-24,749	.....
Automotive vehicles and parts	-5,345	-50,638	-83,221	-108,464	-152,256	-154,944	-110,922	-109,132	-124,026	-113,678	-104,264	-114,090
Consumer goods (nonfood)	-3,975	-10,165	-12,085	-13,420	-21,460	-31,420	-30,885	-39,193	-60,460	-61,434	-72,139	.....
Travel and transportation	-7,432	-13,211	-29,399	-31,207	-34,222	-38,302	-34,040	-49,218	-65,563	-65,077	-75,110	-84,151
Miscellaneous services	-4,855	-4,795	-7,352	-8,294	-10,511	-11,224	-12,260	-17,250	-61,155	-69,395	-79,179	-88,676
Income on foreign assets in U.S.	-9,098	-14,389	-20,495	-23,503	-25,794	-28,440	-28,876	-51,374	-56,912	-52,568	-52,568	-53,897
Direct investment	-1,628	-2,813	-4,342	-4,893	-4,848	-5,100	-5,632	-6,064	-7,019	-7,547	-8,696	-10,772
Other private payments	-5,516	-12,564	-21,680	-32,960	-42,120	-52,329	-54,883	-62,376	-67,119	-62,901	-68,988	-83,381
U.S. Government payments	-6,873	-2,234	-4,211	-6,357	-8,635	-6,898	-32,155	-5,598	-9,229	-10,504	-10,504	.....
Other private receipts	-3,617	-5,798	-8,674	-11,122	-12,592	-16,878	-33,449	-28,953	-38,421	-35,516	-38,892	-48,825
U.S. Government receipts	-1,024	-4,592	-8,674	-11,122	-12,592	-16,878	-33,449	-28,953	-38,421	-35,516	-38,892	-48,825
U.S. military grants of goods and services, net												
Unilateral transfers (excl. military grants), net	-2,713	-2,207	-236	-485	-756	-679	-585	-180	-153	-46	-101	-58
U.S. Government grants	-3,443	-4,868	-5,552	-6,128	-7,593	-9,480	-8,956	-7,460	-12,102	-15,010	-15,308	-13,445
U.S. Govt. pensions, private remittances, other transfers	-1,735	-2,894	-3,176	-3,550	-4,731	-4,466	-5,501	-6,288	-8,549	-11,223	-10,011	-10,011
Other transfers	-1,707	-1,974	-2,376	-2,578	-2,862	-3,192	-3,455	-3,192	-3,558	-3,558	-3,558	-3,558

U.S. International Transactions

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U.S. assets abroad, net (increase/capital outflow (-))	-9,337	-39,703	-61,130	-64,331	-86,118	-110,951	-121,153	-49,777	-22,204	-32,636	-97,991	-75,987
U.S. official reserve assets, net	-2,481	-849	-732	-1,133	-8,155	-5,175	-5,175	-1,196	-5,131	-3,858	-512	9,149
U.S. Govt. assets, other than official reserve	-1,589	-3,474	-4,660	-7,470	-3,746	-5,162	-5,097	-6,131	-5,006	-5,489	-2,000	1,162
U.S. assets, net	-3,293	-5,941	-2,941	-2,475	-7,697	-9,860	-9,674	-10,063	-9,967	-9,599	-7,666	-6,933
U.S. credits and other long-term assets	1,721	-	-	-	3,926	4,456	4,413	-4,292	5,012	4,490	4,119	6,078
Repayments of U.S. credits and other long-term assets	-	-	-	-	-	-	-	-	-	-	-	7,020
U.S. foreign currency holdings and U.S. short-term assets, net	-16	-9	-131	-242	-164	-360	-360	-51	-379	982	982	35
U.S. private assets, net	-10,223	-25,390	-57,202	-59,453	-72,802	-100,679	-110,058	-49,576	-13,685	-25,950	-96,903	-86,297
Direct investments abroad	-7,590	-14,244	-16,056	-19,222	-25,222	-47,222	-59,624	-3,369	-3,369	-18,068	-44,455	-44,455
Foreign securities	-1,076	-6,247	-6,226	-4,726	-3,568	-5,698	-7,983	-6,762	-4,756	-7,481	-4,297	-4,456
U.S. claims on unaffiliated foreigners reported by U.S.	-596	-1,357	-3,853	-3,291	-3,174	-1,181	-6,626	-6,513	-5,019	923	-4,220	3,145
nonbanking concerns	-967	-13,532	-33,667	-26,213	-46,838	-84,175	-111,070	-28,928	-11,127	-1,323	-59,976	-40,531
U.S. claims reported by U.S. banks, n.e. ⁷	-	-	-	-	-	-	-	-	-	-	-	-
Foreign assets in the U.S., net (increase/capital	6,359	15,870	64,036	38,752	58,112	83,032	93,746	84,869	102,621	129,900	221,253	211,490
Inflow (+) / Outflow (-)	6,908	7,027	33,678	-13,665	15,497	-5,960	3,593	5,845	3,140	-1,196	35,507	44,968
Foreign official assets in the U.S., net	-	-	-	-	-	-	-	-	-	-	-	-
Other foreign assets in the U.S., net	-	-	-	-	-	-	-	-	-	-	-	-
Direct investments in U.S.	1,464	2,603	7,897	11,877	52,416	42,815	78,072	50,154	79,023	98,081	131,096	166,522
U.S. Treasury securities	1,81	-	-	-	-	-	-	-	-	-	-	-
U.S. securities other than U.S. Treasury securities	2,189	2,503	-	-	1,936	2,645	2,2195	1,792	1,146	25,959	19,022	41,977
U.S. liabilities to unaffiliated foreigners reported by U.S.	-	-	-	-	2,254	1,351	2,927	8,7027	8,689	23,033	20,921	30,929
nonbanking concerns	-	-	-	-	-	-	-	-	-	-	-	-
U.S. liabilities reported by U.S. banks, n.e. ⁷	2,014	319	1,889	1,621	6,852	917	-2,383	-118	4,704	-366	-2,906	2,150
-6,298	628	16,141	32,607	10,743	42,128	65,833	50,342	33,849	41,045	79,763	87,778	-
Allocations of special drawing rights	867	-	5,917	12,521	1,139	1,152	1,093	-	26,760	-	-	-
Statistical discrepancy (sum of above items with sign reversed)	-219	5,917	-	26,431	24,982	19,942	36,085	11,154	26,760	-	15,566	18,461
Balance on merchandise trade	2,603	8,903	-	-32,947	-27,536	-25,480	-36,444	-67,080	-122,322	-122,148	-144,547	-160,250
Balance on goods and services	5,773	22,984	-	-9,875	-5,138	-14,344	-36,766	-94,975	-100,093	-123,520	-140,519	-
Balance on goods, services, and remittances	4,067	2,011	-	-12,251	-2,559	-6,604	-11,350	-98,333	-103,880	-127,090	-143,953	-
Balance on current account	-	-	-	-15,116	-15,227	-1,573	-6,884	-8,479	-46,246	-107,077	-115,103	-153,964

¹ Represents zero. ² Excludes transfers of goods and services under U.S. military grant programs. ³ Excludes exports of goods under U.S. military agency sales contracts identified in Censuses import documents, and reflects various other adjustments (for valuation, coverage, and timing) of Census statistics to a balance of payments basis. ⁴ Includes other end-use items, not shown separately. ⁵ Not included elsewhere. ⁶ Includes sales of foreign obligors. ⁷ Includes foreign currency notes sold to private residents abroad.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1988.

Foreign Commerce and Aid

NO. 1357. INTERNATIONAL INVESTMENT POSITION, 1960 TO 1987, AND BY SELECTED AREAS, 1987

[In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970*, series U 26-39, for similar data.]

TYPE OF INVESTMENT	1960	1965	1970	1975	1977	1978	1979	1980	1981	
U.S. net International Investment position	44.7	61.6	58.5	74.2	72.7	76.1	94.5	106.3	141.1	
U.S. assets abroad	85.6	120.4	165.4	295.1	379.1	447.8	510.6	607.1	719.8	
U.S. official reserve assets	18.4	15.5	14.5	16.2	18.3	18.8	19.0	26.8	30.1	
U.S. Government assets, other	17.0	23.5	32.1	41.8	49.5	54.2	58.4	63.8	68.7	
U.S. private assets	49.2	81.4	118.8	237.1	310.2	375.0	433.2	518.6	621.1	
Foreign assets in U.S.	40.9	58.8	106.9	220.9	306.4	371.7	416.1	500.8	578.7	
Foreign official assets	112.4	116.8	26.1	86.9	140.8	173.1	159.9	176.1	180.4	
Other foreign assets	28.5	42.0	80.8	134.0	165.5	198.7	256.3	324.8	398.3	
1987										
TYPE OF INVESTMENT	1982	1983	1984	1985	1986	Total ²	Western Europe	Canada	Latin America ³	Japan
U.S. net International Investment position	136.8	89.4	3.5	-110.7	-269.2	-386.2	-378.2	50.7	22.4	-80.7
U.S. assets abroad	824.9	873.9	896.1	950.3	1,071.4	1,167.8	407.0	147.0	294.5	113.3
U.S. official reserve assets	34.0	33.7	34.9	43.2	48.5	45.8	12.1	(z)	(z)	1.0
U.S. Government assets, other	74.6	79.5	84.8	87.6	89.5	88.4	9.9	.4	18.3	(z)
U.S. credits and other long-term assets	72.9	77.8	82.9	85.8	88.7	87.8	9.9	.4	18.0	(z)
U.S. foreign currency holdings and short-term assets	1.7	1.7	2.0	1.8	.8	.8	(z)	(z)	.3	(z)
U.S. private assets	716.4	760.7	776.3	819.5	883.4	1,033.6	385.0	146.7	276.1	112.3
Direct Investments abroad	207.8	207.2	211.5	230.3	259.6	308.9	149.0	58.8	42.3	14.3
Foreign securities	75.5	83.8	89.1	112.8	133.2	146.7	83.3	55.4	1.2	.5
U.S. claims on unaffiliated foreigners ⁴	28.6	35.1	30.1	29.1	33.3	30.1	12.9	3.7	8.8	1.6
U.S. claims reported by U.S. banks ⁵	404.6	434.5	445.6	447.4	507.3	547.9	139.9	30.6	223.8	95.9
Foreign assets in the U.S.	688.1	784.5	892.6	1,061.0	1,340.7	1,536.0	785.2	96.3	272.0	194.0
Foreign official assets in the U.S.	189.1	194.5	199.3	202.8	241.7	283.1	128.1	5.3	8.8	(6)
U.S. Government securities	132.6	137.0	143.0	143.4	177.3	219.1	(7)	(7)	(7)	(6)
Other U.S. Government liabilities	13.6	14.2	15.0	15.7	17.8	15.0	4.4	.3	.6	1.4
U.S. liabilities reported by U.S. banks ⁶	25.0	25.5	26.1	26.7	27.9	31.8	(7)	(7)	(7)	(6)
Other foreign official assets	17.9	17.7	15.2	16.7	18.8	17.3	(7)	(7)	(7)	(6)
Other foreign assets in the U.S.	498.9	590.0	693.3	858.4	1,098.9	1,252.9	657.1	91.1	283.3	(6)
Direct Investments	124.7	137.1	164.6	184.6	220.4	281.9	178.0	21.7	15.3	33.4
U.S. securities ⁶	93.0	113.8	127.3	206.2	308.8	344.4	239.8	32.2	20.1	37.9
U.S. liabilities to unaffiliated foreigners ⁴	27.5	26.9	31.0	29.5	26.6	28.8	14.0	1.8	1.9	4.7
U.S. liabilities reported by U.S. banks ⁶	228.0	278.3	312.2	354.5	451.6	539.4	(7)	(7)	(7)	(6)
U.S. Treasury securities	25.8	33.8	58.2	63.6	91.5	78.4	(7)	(7)	(7)	(6)

Z Less than \$50 million. ¹ Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. ² Includes other countries, international organizations, or unallocated, not shown separately. ³ Includes other Western Hemisphere. ⁴ Reported by U.S. nonbanking concerns. ⁵ Not included elsewhere. ⁶ Data included in "Foreign assets in the U.S." ⁷ Data included in "Foreign official assets in the U.S."

^a Excludes U.S. Treasury securities. ^b Data included in "Other foreign assets in the U.S."

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1988, and earlier issues.

No. 1358. U.S. RESERVE ASSETS: 1970 TO 1988

[In billions of dollars. As of end of year, except as indicated]

TYPE	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988, June
Total	14.5	16.2	18.7	19.0	26.8	30.1	34.0	33.7	34.9	43.2	48.5	45.7	41.0
Gold stock ¹	11.1	11.6	11.7	11.2	11.2	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1
Special drawing rights	.9	2.3	1.8	2.7	2.6	4.1	5.3	5.0	5.6	7.3	8.4	10.3	9.2
Foreign currencies	.6	.1	4.4	3.8	10.1	9.8	10.2	6.3	6.7	12.9	17.3	13.1	10.8
Reserve position in IMF ²	1.9	2.2	1.0	1.3	2.8	5.1	7.3	11.3	11.5	11.9	11.7	11.3	10.0

Z Less than \$50 million. ¹ Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1975, gold assets were valued at \$42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973. ² International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; and Department of the Treasury, *Treasury Bulletin*, monthly.

Foreign Investments—U.S. Affiliates of Foreign Companies

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NO. 1359. FOREIGN DIRECT INVESTMENT POSITION IN THE U.S.—VALUE, BY AREA AND INDUSTRY: 1970 TO 1987

(In millions of dollars. Book value at year end. 1970 covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. Minus sign (--) indicates a negative position. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74.)

AREA AND INDUSTRY	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987, prel.
All areas ¹	13,270	27,862	54,462	83,046	108,714	124,677	137,061	164,583	184,815	220,414	281,827
Petroleum	2,992	6,213	9,906	12,200	15,246	17,660	18,209	25,400	28,270	29,094	35,395
Manufacturing	6,140	11,388	20,876	32,993	40,533	44,085	47,685	51,802	59,584	71,963	91,025
Finance and Insurance	2,255	3,152	7,575	12,027	14,748	17,933	10,834	24,881	27,429	34,978	47,126
Trade, wholesale and retail	994	4,844	11,562	15,210	20,537	23,604	26,513	31,219	35,873	42,920	37,891
Canada	3,117	5,352	7,154	12,162	12,116	11,708	11,434	15,286	17,131	20,318	21,732
Petroleum	190	596	943	1,817	1,801	1,550	1,391	1,544	1,589	1,432	1,433
Manufacturing	1,836	3,061	3,615	5,227	3,376	3,500	3,313	4,115	4,807	6,108	7,487
Finance and Insurance	324	341	505	1,612	1,808	1,801	1,061	3,245	4,008	4,283	3,461
Europe	9,554	18,884	37,403	54,688	72,377	83,193	92,936	108,211	121,413	144,181	177,983
Petroleum	2,777	5,478	8,010	10,137	12,854	15,071	16,326	23,142	25,836	26,139	32,787
Manufacturing	4,091	6,673	13,952	21,953	30,897	33,032	36,865	39,063	45,841	56,016	70,598
Finance and Insurance	1,805	2,088	5,529	8,673	10,084	12,601	8,450	15,945	17,022	21,787	25,311
United Kingdom	4,127	6,331	8,798	14,105	18,585	28,447	32,152	38,387	43,555	55,935	74,941
Petroleum	1,220	(D)	199	-257	124	5,444	5,055	10,981	12,155	11,758	(D)
Manufacturing	1,391	1,833	3,547	6,159	7,602	8,504	9,221	8,179	11,687	16,500	23,510
Finance and Insurance	1,141	932	2,432	3,350	4,585	5,661	3,777	5,485	6,483	10,163	(D)
Netherlands	2,151	5,347	12,672	19,140	26,824	26,191	29,182	33,728	37,056	40,717	47,046
Petroleum	1,311	(D)	6,478	9,265	11,547	8,098	8,646	9,981	11,481	(D)	(D)
Manufacturing	652	1,345	3,492	4,777	9,018	9,901	11,222	12,497	13,351	13,293	16,120
Switzerland	1,545	2,138	3,449	5,070	5,474	6,378	7,464	8,146	10,558	12,058	14,343
Manufacturing	1,147	1,308	2,281	3,118	3,278	3,584	4,165	4,774	6,881	7,520	8,321
Finance and Insurance	351	365	598	1,033	1,055	1,473	1,830	(D)	5,425	2,517	(D)
West Germany	680	1,408	5,665	7,596	9,459	9,850	10,845	12,330	14,816	17,250	18,637
Manufacturing	(NA)	894	2,665	3,875	4,199	4,239	4,487	4,389	6,015	7,426	8,002
Finance and insurance	(NA)	(D)	796	1,248	1,339	1,426	1,418	1,902	(D)	1,962	2,624
Other Europe ²	1,051	3,360	5,821	8,777	12,035	12,327	13,293	15,820	15,417	18,221	21,994
Petroleum	(NA)	490	1,268	991	1,315	1,380	1,679	2,080	(D)	(D)	(D)
Manufacturing	(NA)	1,293	1,967	4,026	6,800	6,804	7,771	7,704	7,907	11,277	13,645
Finance and insurance	(NA)	(D)	583	1,193	546	429	908	(D)	(D)	(D)	(D)
Japan	229	591	3,493	4,723	7,897	9,877	11,336	16,044	19,313	26,824	33,361
Other areas	370	3,135	6,412	11,472	16,524	20,099	21,356	25,043	26,758	29,091	28,871

D Withheld to avoid disclosure of data of individual companies. NA Not available. ¹ Area totals include industries not shown separately. ² Direct investments in 1987 (in millions of dollars): Belgium and Luxembourg, 2,752; France, 10,195; Italy, 1,230; and Sweden, 4,699.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1988, and earlier issues.

NO. 1360. U.S. AFFILIATES OF FOREIGN COMPANIES—ASSETS, SALES, EMPLOYMENT, LAND, EXPORTS, AND IMPORTS: 1986

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Universe estimates based on a sample survey of nonbank affiliates with assets, sales, or net income of \$10 million or more]

INDUSTRY	Total assets (mil. dol.)	Sales ¹ (mil. dol.)	Employ- ment ² (1,000)	Employ- ee com- pen- sa- tion (mil. dol.)	GROSS BOOK VAL- UE		Land owned (1,000 acres)	Mer- chandise exports ⁴ (mil. dol.)	Mer- chandise imports ⁴ (mil. dol.)
					Plant and equip- ment ³ (mil. dol.)	Land (mil. dol.)			
Total	829,926	667,256	2,984.5	86,631	317,607	30,170	14,951	50,713	124,476
Mining	12,242	6,586	29.3	1,334	11,372	479	705	922	274
Petroleum	76,839	66,450	122.0	5,093	81,951	3,082	887	1,159	6,621
Manufacturing	190,476	188,740	1,399.6	46,029	112,995	4,317	6,371	12,573	20,791
Chemicals and allied products	70,479	80,602	378.8	13,726	50,260	1,367	1,253	5,354	4,492
Wholesale trade ⁵	86,612	259,278	304.5	9,878	18,990	1,157	355	35,138	93,133
Motor vehicles and auto parts and supplies	23,888	76,364	70.8	2,503	6,594	387	(D)	3,208	42,936
Farm-product raw materials	7,777	35,374	20.1	571	2,160	81	39	17,464	5,618
Retail trade	29,624	46,597	576.8	7,873	14,454	1,383	(D)	358	1,524
Finance, except banking	247,328	30,824	52.6	5,314	3,384	178	(D)	233	(D)
Insurance	87,887	32,013	73.9	2,023	2,087	506	15	(Z)	(D)
Real estate	67,751	11,621	34.7	831	52,739	16,619	2,526	(Z)	(D)
Other	31,157	25,345	369.0	8,256	18,054	2,248	3,512	330	(D)

¹ Represents zero. D Withheld to avoid disclosure of data of individual companies. Z Less than \$500,000.

² Excludes returns, discounts, allowances, and sales and excise taxes. ³ Includes other property, value of mineral rights owned and capitalized value of mineral rights leased. ⁴ F.a.s. value at port of exportation. ⁵ Includes industries not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1988, and *Foreign Direct Investment in the United States, Operations of U.S. Affiliates of Foreign Companies*, Preliminary 1986 Estimates.

NO. 1361. U.S. BUSINESSES ACQUIRED OR ESTABLISHED BY FOREIGN DIRECT INVESTORS, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1986 AND 1987

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over \$1 million, or ownership of 200 acres of U.S. land.]

INDUSTRY	1986						1987, prel.					
	Investments			Investors			Investments			Investors		
	Total	Acquisition	Establishments	Total	For-eign direct investors	U.S. affiliates	Total	Acquisition	Establishments	Total	For-eign direct investors	U.S. affiliates
NUMBER OF INVESTMENTS¹												
Total	1,040	555	485	1,121	476	645	557	306	251	608	279	329
Agriculture and forestry	32	5	27	37	29	6	28	4	24	30	23	7
Mining	21	18	2	21	-	21	6	3	3	7	3	4
Petroleum	30	19	11	30	12	18	14	7	7	14	10	4
Manufacturing	324	275	49	345	116	227	189	148	41	214	84	130
Wholesale trade	84	63	21	90	27	63	35	25	10	40	16	24
Retail trade	29	23	6	31	12	19	21	19	2	21	10	11
Banking	15	8	7	16	8	8	8	2	6	8	6	2
Finance, except banking	35	11	24	38	13	25	25	11	14	26	16	10
Insurance	18	14	2	16	5	11	6	4	2	6	4	2
Real estate	309	21	288	337	184	153	134	18	116	144	67	77
Other	177	102	75	197	97	100	119	69	50	128	63	65
INVESTMENT OUTLAYS (mil. dol.)												
Total	39,177	31,450	7,728	39,177	8,602	30,575	30,543	25,603	4,939	30,543	9,024	21,518
Agriculture and forestry	165	61	104	165	82	83	251	130	121	251	(D)	(D)
Mining	939	931	7	939	-	939	772	739	33	772	494	278
Petroleum	1,035	962	73	1,035	721	314	715	(D)	(D)	715	480	235
Manufacturing	16,772	16,082	690	16,772	3,316	13,456	16,270	15,518	752	16,270	3,787	12,483
Wholesale trade	1,640	1,583	56	1,640	1,013	827	349	326	24	349	99	250
Retail trade	5,248	5,197	52	5,249	285	4,993	882	681	2	682	(D)	(D)
Banking	288	(D)	(D)	288	58	230	667	562	105	667	105	562
Finance, except banking	1,781	872	1,109	1,781	760	1,021	1,201	981	220	1,201	933	268
Insurance	1,688	(D)	(D)	1,688	138	1,530	116	(D)	(D)	116	(D)	(D)
Real estate	5,171	372	4,800	5,171	1,440	3,731	2,861	391	2,470	2,861	562	2,288
Other	4,635	3,798	837	4,635	891	3,744	6,910	6,067	843	6,910	2,139	4,772

- Represents zero. D Withheld to avoid disclosure of data of individual companies. ¹ Excludes investments that do not meet asset or acreage criteria in headnote.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1988.

NO. 1362. U.S. BUSINESSES ACQUIRED BY FOREIGN DIRECT INVESTORS—ASSETS, SALES, AND EMPLOYMENT, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1986 AND 1987

[See headnote, table 1361. Minus sign (–) indicates loss]

INDUSTRY	1986					1987, prel.				
	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)
Total	57,694	49,108	1,032	419.0	1,591.3	101,685	35,638	811	331.4	176.0
Agriculture and forestry	87	(D)	-18	.3	430.8	(D)	(D)	(Z)	(D)	(D)
Mining	1,412	847	37	6.8	68.5	1,140	(D)	22	1.9	31.3
Petroleum	6,835	8,847	146	9.8	18.8	(D)	(D)	(D)	1.3	(D)
Manufacturing	18,667	20,861	517	183.9	1,029.8	19,029	18,048	214	175.2	112.0
Wholesale trade	2,002	3,751	43	16.0	1.8	400	809	5	4.1	(D)
Retail trade	4,723	7,800	210	121.3	1.9	(D)	1,576	12	12.5	(D)
Banking	(D)	823	66	3.9	(D)	4,443	376	30	2.5	1.1
Finance, except banking	5,590	650	46	1.1	(D)	68,335	6,648	444	40.3	.4
Insurance	(D)	1,485	74	6.5	2.2	(D)	93	6	.6	(D)
Real estate	626	104	3	2.0	7.9	858	246	9	.8	19.0
Other	5,023	3,840	-109	67.7	4,54.3	5,883	5,898	(D)	92.2	12.0

D Withheld to avoid disclosure of data of individual companies. Z Fewer than 500 or less than \$500,000.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1988.

No. 1363. U.S. INVESTMENT POSITION ABROAD, BY COUNTRY: 1980 TO 1987

(In millions of dollars. Direct investments represent private enterprises in one country owned or controlled by investors in another country or in the management of which foreign investors have an important role. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its equity in, and loans to the foreign affiliate. See also *Historical Statistics, Colonial Times to 1970*, series U 41-48)

COUNTRY	1980	1983	1984	1985	1986	1987				
						Total ¹	Manufacturing	Petroleum	Finance ²	
All countries	215,375	207,203	211,480	230,250	259,582	308,793	126,840	66,381	49,097	
Developed countries	158,214	155,738	157,123	172,058	194,691	233,315	104,759	43,762	35,946	
Canada	45,119	44,939	46,730	46,908	49,984	56,879	25,800	11,931	8,851	
Europe ³	96,287	92,178	91,588	105,171	122,165	148,954	67,475	25,785	24,525	
Austria	524	545	530	493	386	387	109	117	23	
Belgium	6,259	4,438	4,584	5,038	5,229	7,078	3,486	547	708	
Denmark	1,266	1,138	1,144	1,281	1,113	1,114	253	170	53	
France	9,347	6,614	6,406	7,643	8,857	11,478	8,374	531	244	
Greece	347	327	285	210	172	215	94	132	(D)	
Ireland	2,319	2,460	2,869	3,693	4,395	5,484	4,111	-23	1,389	
Italy	5,397	4,481	4,594	5,908	6,935	8,449	6,084	252	446	
Luxembourg	652	1,206	424	690	726	723	193	(D)	288	
Netherlands	6,039	6,613	5,939	7,129	11,618	14,164	5,318	3,078	2,432	
Norway	1,879	3,094	2,841	3,215	3,826	4,142	91	3,552	(D)	
Portugal	257	219	205	237	279	381	193	(D)	(D)	
Spain	2,678	2,287	2,139	2,281	2,612	4,037	2,567	124	21	
Sweden	1,474	894	844	933	1,002	1,188	617	(D)	127	
Switzerland	11,280	14,098	14,725	15,786	17,842	19,973	1,720	(D)	7,136	
Turkey	207	121	228	234	242	247	52	88	-	
United Kingdom	28,460	27,637	28,553	33,024	35,892	44,673	18,288	11,011	9,571	
West Germany	15,415	15,319	14,823	16,784	20,846	24,450	15,974	3,319	1,974	
Japan	6,225	7,661	14,936	9,235	11,332	14,270	7,073	2,561	945	
Australia, New Zealand, and										
South Africa	10,583	11,558	10,868	10,743	11,200	13,212	4,411	3,484	1,624	
Australia	7,654	8,005	8,818	8,772	9,120	10,988	3,493	2,843	1,478	
New Zealand	579	566	510	576	513	635	211	(D)	72	
South Africa	2,350	1,987	1,440	1,394	1,567	1,580	707	(D)	74	
Developing countries	53,206	45,748	48,153	52,784	60,270	71,174	21,881	19,009	13,150	
Latin America	38,761	24,133	24,827	28,281	34,790	42,337	15,902	5,771	10,496	
South America ³	16,342	16,748	16,714	17,623	18,844	19,312	11,084	3,020	1,707	
Argentina	2,540	2,702	2,753	2,705	2,919	2,854	1,816	398	158	
Brazil	7,704	9,068	9,237	8,893	9,187	9,955	7,730	273	1,183	
Chile	536	108	47	88	224	224	-221	59	78	
Colombia	1,012	2,123	2,111	2,148	2,033	2,037	585	1,013	96	
Ecuador	322	442	371	361	488	497	157	237	(D)	
Peru	1,665	2,042	1,902	1,243	1,131	1,102	83	367	(D)	
Venezuela	1,908	1,711	1,761	1,588	2,138	2,124	1,061	534	174	
Central America	10,193	9,904	9,853	9,858	9,571	10,430	4,553	841	2,597	
Mexico	5,886	4,381	4,597	5,088	4,750	4,997	3,958	65	198	
Panama	3,170	4,837	4,474	3,959	4,283	4,780	278	648	2,380	
Other ³	1,037	898	782	811	528	654	316	128	18	
Costa Rica	303	166	158	113	113	141	(NA)	(NA)	(NA)	
El Salvador	105	100	84	73	(D)	51	(NA)	(NA)	(NA)	
Guatemala	229	214	240	213	181	159	(NA)	(NA)	(NA)	
Honduras	288	216	288	171	187	203	(NA)	(NA)	(NA)	
Other Western Hemisphere ³	12,226	-4,519	-3,941	980	8,575	12,594	284	1,910	6,192	
Bahamas, The	2,712	3,762	3,331	3,795	2,782	2,586	26	792	505	
Bermuda	11,045	11,056	13,019	13,116	14,765	16,229	-	530	17,230	
Dominican Republic	318	258	239	212	198	(NA)	(NA)	(NA)	(D)	
Jamaica	407	310	257	122	107	90	106	(D)	-13,500	
Netherlands Antilles	-4,336	-22,956	-24,664	-20,499	-15,817	-13,208	21	311	3	
Trinidad and Tobago	951	882	667	484	368	356	7	-	-	
Other Africa ³	8,778	4,123	4,456	4,497	4,813	5,085	308	4,237	57	
Egypt	1,038	1,421	1,538	1,928	1,814	1,683	41	1,400	(2)	
Libya	575	238	348	325	196	252	-	246	-	
Nigeria	19	216	327	44	575	1,267	40	1,120	-	
Middle East ³	2,163	4,451	5,025	4,606	4,580	4,762	408	2,812	234	
Israel	378	605	733	717	600	793	201	(D)	156	
Saudi Arabia	1,037	2,158	2,352	2,442	1,972	2,395	163	1,079	-17	
United Arab Emirates	384	697	981	782	857	762	20	595	(D)	
Bahrain	-16	783	790	440	320	95	(NA)	(NA)	(NA)	
Other Asia and Pacific	8,505	13,039	15,045	15,400	16,577	18,891	5,264	6,188	2,364	
China: Taiwan	498	613	736	750	670	1,312	983	-14	20	
Hong Kong	2,078	3,068	3,253	3,295	3,980	5,453	563	462	1,848	
India	398	371	329	383	446	468	416	-14	(D)	
Indonesia	1,314	2,770	4,093	4,475	4,395	5,929	234	3,251	195	
Malaysia	632	1,157	1,101	1,140	1,108	1,111	329	704	11	
Philippines	1,259	1,331	1,263	1,032	1,135	1,211	602	107	1	
Singapore	1,204	1,821	1,932	1,874	2,238	2,521	1,493	579	72	
South Korea	575	589	716	743	800	1,018	339	-	160	
Thailand	361	892	1,081	1,074	1,079	1,282	256	857	8	
Other	166	428	541	635	525	687	48	254	(D)	
People's Rep. of China	6	100	208	311	213	325	(NA)	(NA)	(NA)	
International	3,955	5,721	5,204	5,428	4,602	4,304	3,610	3,610	(NA)	
Addendum—OPEC ⁴	6,090	8,440	10,461	10,363	10,806	11,498	1,877	7,334	479	

¹ Represents zero. ² Suppressed to avoid disclosure of data of individual companies. ³ Includes insurance. ⁴ Includes Algeria, Ecuador, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 1988.

Foreign Commerce and Aid

NO. 1364. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1946 TO 1987

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (-), see headnote, table 1365. See also text, section 29, and *Historical Statistics, Colonial Times to 1970*, series U 75-101]

PROGRAM	1946- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1985, total	1983	1984	1985	1986	1987
Total, net.....	51,509	49,723	70,367	104,181	11,614	13,986	14,321	14,983	9,184
Investment in international financial institutions ¹	635	655	2,718	10,432	1,369	1,427	1,302	1,481	1,212
Under assistance programs, net.....	50,875	49,067	67,647	93,749	10,245	12,558	13,018	13,502	7,972
Developed countries ²	35,150	5,634	616	757	271	96	-530	815	-780
Developing countries ²	15,725	43,233	67,032	92,991	9,975	12,462	13,549	12,687	8,782
Net new military grants.....	14,200	21,564	30,236	14,958	1,317	2,320	3,130	4,126	3,132
Developed countries ²	8,910	7,931	691	1,369	226	154	123	162	261
Developing countries ²	5,291	13,633	29,545	13,588	1,091	2,166	3,007	3,963	2,871
Gross new grants.....	14,434	21,805	30,281	14,993	1,321	2,326	3,133	4,129	3,137
Foreign Assistance Act ³	13,427	21,769	30,281	14,993	1,321	2,326	3,133	4,129	3,137
Military supplies and services.....	12,282	20,682	9,802	2,438	184	158	49	99	59
Military assistance, service funded ⁴	-	8	16,161	-	-	-	-	-	-
Financing of military purchases ⁵	-	-	1,584	10,122	934	2,022	2,964	3,873	2,816
Relocation of facilities in Israel.....	-	-	-	800	-	-	-	-	-
Other special programs.....	1,145	1,100	734	1,633	203	145	121	157	263
Other.....	1,007	36	-	-	-	-	-	-	-
Less: Reverse grants and returns.....	234	241	45	36	4	6	3	3	5
Other grants, credits, and other assistance (through net accumulation of foreign currency claims).....	36,675	27,503	37,412	78,791	8,928	10,239	9,889	9,876	4,840
Developed countries ²	28,240	-2,097	-75	-612	45	-58	-653	652	-1,051
Developing countries ²	10,434	29,600	37,487	79,403	8,884	10,298	10,542	8,724	5,891
Net new economic and technical aid grants ⁶	27,529	17,675	21,748	43,293	5,364	6,519	8,257	7,856	7,195
Developed countries ²	19,424	780	-182	483	100	120	84	98	67
Developing countries ²	8,104	16,896	21,929	42,830	5,254	6,399	8,173	7,759	7,128
Gross new grants.....	28,769	17,993	22,003	43,302	5,354	6,519	8,257	7,908	7,195
Foreign Assistance Act ³	17,711	12,189	31,525	4,018	5,055	6,505	6,439	5,887	-
Farm products disposals:									
Foreign currencies, P.L. 83-480 ⁷	-	2,048	4,234	186	25	9	6	3	6
Famine and other urgent relief.....	530	2,704	2,882	5,017	582	688	874	573	515
Payment of transportation.....	-	494	946	1,890	175	231	331	265	211
Food for development loan forgiveness.....	-	-	-	353	91	40	11	53	37
Supplies to military or trusteeship administration areas.....	5,528	132	536	1,246	127	141	153	217	173
Peace Corps.....	-	232	912	979	116	110	120	130	126
Other.....	5,000	184	321	2,106	221	244	257	228	241
Less: Reverse grants and returns.....	1,240	318	255	9	-	-	-	52	-
Net new credits ⁸	8,605	7,025	16,954	35,786	3,579	3,713	1,623	1,516	-2,399
Developed countries ²	6,627	-3,207	310	-1,019	-54	-176	-730	557	-1,091
Developing countries ²	1,978	10,232	16,644	36,805	9,634	3,889	2,353	959	-1,249
New credits.....	11,958	15,429	37,422	72,196	6,177	7,777	5,914	7,165	4,831
Export-Import Bank Act.....	4,241	5,257	15,505	22,096	2,599	2,493	1,794	1,253	990
Foreign Assistance Act ³	1,919	6,196	12,053	35,324	4,514	3,945	2,759	2,932	2,516
County program loans.....	1,765	5,722	8,382	10,733	968	753	671	595	334
Financing of military purchases.....	8	247	3,089	24,288	3,536	3,185	2,090	2,307	2,169
Social Progress Trust Fund.....	-	226	487	142	5	-4	-16	-5	-9
Other.....	145	2	116	162	5	11	13	35	22
P.L. 83-480 ⁷	48	3,839	7,161	8,142	797	909	1,055	991	825
Loans of foreign currency:									
To foreign governments.....	48	3,285	1,843	10	(z)	(z)	(z)	-	2
To private enterprises.....	-	202	217	16	3	2	2	3	3
Long-term credit sales.....	-	352	5,101	8,116	794	907	1,055	988	821
P.L. 80-806 ⁹	-	-	2,433	5,559	261	428	300	1,989	500
Other.....	5,750	137	271	1,074	7	2	6	-	-
Less: Principal collections.....	3,353	8,404	20,469	36,410	4,597	4,064	4,280	5,649	7,171
Export-Import Bank Act.....	1,787	4,458	9,282	15,222	1,914	2,169	2,488	2,914	4,285
Foreign Assistance Act ³	38	1,263	3,557	11,234	1,283	1,329	1,238	1,676	2,340
County program loans.....	1	944	2,481	4,212	424	436	460	539	474
Financing of military purchases.....	2	222	852	6,492	817	865	735	1,095	1,835
Social Progress Trust Fund.....	-	9	198	354	24	24	24	17	16
Other.....	35	88	25	177	18	14	18	25	14
P.L. 83-480 ⁷	-	180	3,753	2,923	366	330	269	367	275
Loans of foreign currency:									
To foreign governments.....	-	111	2,354	551	44	43	39	37	29
To private enterprises.....	-	43	175	96	5	4	2	3	1
Long-term credit sales.....	-	27	1,223	2,276	317	283	248	326	245
Lend-lease, surplus property, and grant settlements.....	675	2,001	1,438	386	20	22	18	20	16
P.L. 80-806 ⁹	-	-	1,763	4,748	64	108	158	569	151
Other.....	853	501	677	1,897	950	106	100	101	105

See footnotes at end of table.

Foreign Grants and Credits

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No. 1364. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1946 TO 1987—Continued

[In millions of dollars. See headnote, p. 780]

PROGRAM	1946– 1955, total	1956– 1965, total	1966– 1975, total	1976– 1985, total	1983	1984	1985	1986	1987
Other assistance (through net accumulation of foreign currency claims) ¹⁰	541	2,802	–1,290	–287	–5	7	9	4	–15
Developed countries ³	190	330	–203	–56	–1	–1	–7	–3	–27
Developing countries ²	351	2,472	–1,086	–231	–4	8	15	7	12
Currency claims acquired.....	813	11,498	6,888	1,227	93	79	97	134	92
Sales of farm products.....	813	11,170	3,013	114	4	1	10	49	49
Second-stage operations ¹¹	–	329	3,875	1,113	89	78	87	84	43
Less: Currencies disbursed.....	272	8,695	8,177	1,514	98	72	89	129	108
Economic grants and credits to purchasing country.....	182	6,863	6,238	180	25	5	2	10	15
Other uses.....	90	1,833	1,940	1,334	73	67	86	119	93

– Represents zero. Z Less than \$500,000. ¹ For details, see table 1365. ² Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1365, except Portugal, Spain (through 1981), Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1365. Developing countries include all other countries listed in table 1365 (including Spain through 1981). ³ Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. ⁴ Includes military assistance under Dept. of Defense Appropriation Act, 1968 (P.L. 89-394) and later acts. ⁵ Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. ⁶ Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: 1946–55, \$1,463 million; 1956–65, \$491 million; 1972, \$994 million. Repayments on these settlements are included in net new credits. ⁷ Agricultural Trade Development and Assistance Act. ⁸ Outstanding credits on Dec. 31, 1987, totaled \$69,975 million, representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less chargeoffs and net adjustments due to exchange rates (\$2,002 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$88,352 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. ⁹ Commodity Credit Corporation Charter Act. ¹⁰ Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,566 million), was \$187 million on Dec. 31, 1987. ¹¹ Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 83-480, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 83-480 currencies.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

No. 1365. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1946 TO 1987

[In millions of dollars. See text, section 29. Negative figures (–) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75–186.]

TYPE AND COUNTRY	1946– 1955, total	1956– 1965, total	1966– 1975, total	1976– 1985, total	1983	1984	1985	1986	1987, prel.
Total, net	51,509	49,723	70,367	104,181	11,614	13,986	14,321	14,983	9,184
Investment in financial institutions	635	665	2,719	10,432	1,369	1,427	1,302	1,481	1,212
African Development Bank	–	–	–	54	18	18	18	15	20
African Development Fund	–	–	–	125	23	57	20	53	45
Asian Development Bank	–	–	110	602	56	80	135	110	95
Inter-American Development Bank	–	300	1,321	2,770	235	353	321	351	189
International Bank for Reconstr. and Development	635	–	13	353	34	27	41	241	232
International Development Association	–	320	1,275	6,417	1,002	892	768	658	546
International Finance Corporation	–	35	–	111	–	–	–	28	7
Under assistance programs	50,875	49,067	67,847	93,749	10,245	12,556	13,019	13,502	7,972
Western Europe	33,067	6,752	1,004	1,626	154	253	202	8	–167
Austria	1,001	193	–19	34	(2)	3	10	–9	–9
Belgium and Luxembourg	1,570	305	17	–46	–17	–17	–15	–9	–9
Denmark	596	276	64	–58	–13	–12	–30	–7	–6
Finland	86	–26	–19	21	19	–11	–2	–47	8
France	8,661	–171	–93	–222	6	–17	–47	–26	–13
Iceland	34	33	–8	–12	–1	–1	–1	–2	–2
Ireland	146	–16	–51	7	–7	–4	(2)	2	–2
Italy	3,851	1,435	85	133	–25	–12	–84	–107	–21
Netherlands	1,716	322	116	–180	–20	–14	–9	–1	–1
Norway	697	362	379	–257	–12	–4	–31	–16	–4
Portugal	248	241	34	1,003	55	129	101	178	9
Spain	258	1,203	607	985	101	222	–85	66	–11
Sweden	101	–20	17	–1	–5	–3	–6	6	–5
United Kingdom	7,458	105	–546	–984	–119	–134	–121	–202	–347
West Germany	3,881	10	–117	–117	–6	–6	–2	–	–3
Yugoslavia	1,356	1,151	84	174	20	17	18	–21	–41
Other ¹ and unspecified	1,398	1,348	407	1,112	178	116	102	200	290

See footnotes at end of table.

Foreign Commerce and Aid

NO. 1365. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY:
1946 TO 1987—Continued

[In millions of dollars. See headnote, p. 781]

COUNTRY	1946– 1955, total	1956– 1965, total	1966– 1975, total	1976– 1985, total	1983	1984	1985	1986	1987, prev.
Eastern Europe.....	823	501	228	1,029	54	5	15	1,249	-150
Czechoslovakia.....	136	-	-	5	-2	-3	-	-	-
Poland.....	350	555	-75	1,016	74	67	45	1,348	-33
Romania.....	-	-	92	55	5	-18	35	-26	-50
Soviet Union.....	292	-59	214	-44	-21	-39	-66	-66	-66
Other and unspecified.....	45	5	-5	6	-2	-2	3	-6	-
Near East and South Asia.....	4,944	16,828	17,195	50,788	5,968	6,458	7,437	7,924	8,221
Afghanistan.....	31	227	185	56	-2	-4	-21	-3	28
Bangladesh.....	-	-	701	1,670	219	265	175	178	140
Cyprus.....	-	19	20	138	(z)	1	17	21	17
Egypt.....	41	1,008	271	13,599	2,050	1,926	2,231	2,727	1,608
Greece.....	2,026	1,281	905	362	19	-14	-21	72	304
India.....	370	4,890	3,810	1,016	74	84	42	36	48
Iran.....	314	1,061	914	-847	-306	-	-	-5	21
Iraq.....	13	81	-5	5	32	-8	-12	-	-
Israel.....	390	483	3,760	25,416	2,680	3,094	3,807	4,030	3,111
Jordan.....	26	495	618	1,320	67	-15	-1	7	109
Lebanon.....	15	78	90	233	57	32	34	-12	-8
Nepal.....	3	86	105	177	28	24	26	20	21
Oman.....	-	-	(z)	79	3	14	-4	12	-33
Pakistan.....	189	3,092	2,048	1,971	348	415	481	347	226
Saudi Arabia.....	12	35	23	-20	-2	-2	-2	-1	-
Sri Lanka.....	(z)	88	153	512	63	84	90	65	36
Syria.....	1	57	15	282	25	1	(z)	(z)	(z)
Turkey.....	1,295	3,020	2,703	3,760	490	442	479	298	450
Yemen (Sanaa).....	-	40	24	216	37	33	41	39	47
UNRWA ²	131	274	298	586	71	67	75	67	61
Other and unspecified.....	85	510	559	285	26	22	-3	27	33
Africa.....	147	2,272	3,610	11,073	1,225	1,803	2,004	1,299	1,052
Algeria.....	1	135	283	345	-83	-108	-131	-128	-98
Angola.....	-	-	6	115	-8	-5	38	27	24
Berlin.....	-	7	12	44	2	4	5	3	3
Botswana.....	-	(z)	35	169	18	28	29	20	24
Burkina.....	-	-	5	40	287	30	40	49	30
Burundi.....	-	-	4	5	62	8	13	9	5
Cameroon.....	-	-	16	50	150	3	20	5	11
Cape Verde.....	-	-	-	1	68	12	6	5	7
Chad.....	(z)	5	20	145	23	24	41	25	35
Ethiopia.....	13	200	297	310	6	30	157	88	2
Ghana.....	(z)	84	203	152	8	20	18	13	8
Guinea.....	-	58	68	74	2	4	11	16	24
Ivory Coast.....	-	14	57	57	-3	2	12	5	-3
Kenya.....	(z)	34	76	549	81	68	82	39	46
Lesotho.....	-	(z)	27	197	28	37	23	23	23
Liberia.....	24	139	66	459	68	107	71	52	23
Libya.....	25	192	6	-	-	-	-	-	-
Madagascar.....	(z)	7	13	86	10	20	24	21	17
Malawi.....	-	5	30	56	7	10	8	11	18
Mali.....	-	-	12	58	198	16	32	50	45
Mauritania.....	-	-	1	20	161	22	26	38	19
Morocco.....	7	464	413	948	117	313	138	177	84
Mozambique.....	-	-	1	174	11	21	51	34	63
Niger.....	-	5	64	223	18	25	93	39	43
Nigeria.....	(z)	87	284	287	80	49	151	1	1
Rwanda.....	-	2	13	91	11	19	16	24	16
Senegal.....	-	18	48	361	51	75	51	45	49
Sierra Leone.....	(z)	22	36	85	11	9	11	12	12

See footnotes at end of table.

Foreign Grants and Credits

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NO. 1365. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY:
1946 TO 1987—Continued

[In millions of dollars. See headnote, p. 781]

COUNTRY	1946- 1955, total	1956- 1965, total	1966- 1975, total ¹	1976- 1985, total	1983	1984	1985	1986	1987, prev.
Africa—Continued									
Somalia.....	(2)	42	47	582	91	115	117	111	65
Sudan.....	-	86	52	1,358	212	223	443	164	101
Swaziland.....	-	(2)	8	58	11	7	8	9	13
Tanzania.....	2	34	123	269	20	22	21	10	26
Togo.....	-	8	18	60	8	8	9	10	12
Tunisia.....	2	407	376	563	125	113	40	7	-7
Uganda.....	-	12	33	40	4	3	5	4	15
Zaire.....	(2)	258	342	938	44	208	86	104	109
Zambia.....	-	1	35	331	25	53	51	77	33
Zimbabwe.....	-	(2)	(2)	271	62	74	54	22	30
Other and unspecified.....	71	-75	343	780	75	87	130	117	147
Far East and Pacific	9,678	16,199	34,778	9,635	1,193	658	220	-64	2,866
Australia.....	-9	(2)	276	-12	75	-5	-39	-116	-30
Burma.....	25	134	43	31	3	7	7	7	10
Cambodia.....	28	327	1,771	-	-	-	-	-	-
China: Mainland.....	-	-	-	49	9	20	6	-8	9
Taiwan.....	1,287	2,681	1,523	646	-44	-144	-255	-262	-970
Hong Kong.....	3	35	41	11	-9	-14	-14	-11	-8
Indonesia.....	248	501	1,388	1,681	259	224	37	13	-13
Japan and Ryukyu Islands.....	3,287	1,318	-345	-210	-18	-99	-87	-88	-319
Laos.....	37	647	1,868	-	-	-	-	-	-
Malaysia.....	1	30	86	39	61	-6	-11	-15	-12
New Zealand.....	3	2	95	-88	-15	-13	-11	-10	-4
Pacific Islands, Trust Territory of the ³	28	89	488	1,260	127	143	154	219	166
Philippines.....	1,028	554	729	1,466	239	141	334	449	281
Singapore.....	-	(2)	78	110	-34	56	-53	-184	1
South Korea.....	1,420	4,744	5,428	3,518	449	208	58	-146	-1,717
Thailand.....	192	727	996	733	80	110	68	82	-77
Vietnam.....	244	3,568	19,721	-	-	-	-	-	-
Other and unspecified.....	1,698	844	595	400	29	31	26	27	18
Western Hemisphere	1,248	5,181	6,816	9,859	832	2,077	2,142	1,825	2,016
Argentina.....	86	342	34	21	26	16	14	81	27
Bahamas, The.....	(2)	(2)	29	-25	(2)	-	(2)	1	(2)
Bermuda.....	-	-	18	-16	-	-	-	-	-
Bolivia.....	77	288	270	414	52	38	71	110	113
Brazil.....	509	1,400	1,518	398	40	90	368	7	33
Canada.....	-1	4	272	317	97	98	-87	-81	-158
Chile.....	100	740	724	-565	-47	-28	-7	56	24
Colombia.....	43	446	846	298	83	104	93	83	12
Costa Rica.....	15	83	103	687	202	183	213	139	159
Dominican Republic.....	2	184	360	550	38	141	154	236	82
Ecuador.....	32	131	144	153	10	46	50	66	54
El Salvador.....	3	56	93	1,681	329	446	448	376	414
Guatemala.....	23	146	180	269	33	25	52	91	156
Guyana.....	(2)	7	71	36	2	-1	(2)	2	6
Haiti.....	27	75	42	370	42	44	56	87	92
Honduras.....	6	53	113	601	112	210	243	224	205
Jamaica.....	16	3	120	643	114	151	151	121	88
Mexico.....	225	178	305	1,182	-549	97	-40	-28	540
Nicaragua.....	8	87	150	197	3	1	-2	(2)	(2)
Panama.....	10	103	210	205	15	54	43	24	10
Paraguay.....	4	67	86	22	3	(2)	1	(2)	(2)
Peru.....	55	304	274	757	68	212	181	98	82
Trinidad and Tobago.....	-	35	21	151	-19	19	-21	-32	-34
Uruguay.....	8	90	116	-9	-5	-3	-4	11	3
Venezuela.....	6	158	115	-35	6	-37	-30	-31	-38
Central American Bank for Economic Integration.....	-	8	121	36	3	-4	-4	-5	-4
Caribbean Development Bank.....	-	-	8	108	14	1	1	-1	-1
Other ⁴ and unspecified.....	-6	218	496	1,238	161	173	198	188	197
Other International organizations and unspecified areas	969	1,335	4,018	9,739	820	1,304	1,404	1,278	1,665

— Represents zero. Z Less than \$500,000. ¹Includes European Atomic Energy Community, European Coal and Steel Community, European Payments Union, European Productivity Agency, North Atlantic Treaty Organization, and Organization for European Economic Cooperation. ²United Nations Relief and Works Agency for Palestine refugees. ³Excludes transactions after October 1986, with Commonwealth of the Northern Mariana Islands; includes transactions with Federated States of Micronesia, Republic of the Marshall Islands, and Republic of Palau. ⁴Includes Andean Development Corporation, Eastern Caribbean Central Bank, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

Foreign Commerce and Aid

NO. 1366. U.S. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1946 TO 1987

In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946–1987 are true totals net of deobligation; annual figures however, are gross unadjusted program figures. Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles.

PERIOD OR YEAR AND REGION	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946–1987, total	330,527	206,795	57,144	149,651	123,732	36,615	87,117
1946–1952	41,661	31,116	8,518	22,598	10,545	—	10,545
1953–1961	43,358	24,053	5,850	18,203	19,305	181	19,144
1962–1969	50,254	33,392	15,421	17,972	16,862	1,520	15,242
1970–1979	65,714	26,902	9,995	16,907	38,812	14,178	24,633
1980–1986	98,368	63,081	10,941	52,140	33,287	19,750	13,528
1980–1987	111,650	73,261	12,194	61,067	38,388	20,711	17,676
1970	5,668	3,676	1,389	2,288	2,892	70	2,822
1971	7,838	3,442	1,293	2,143	4,396	743	3,653
1972	9,021	3,940	1,639	2,301	5,080	550	4,530
1973	9,472	4,117	1,391	2,726	5,356	550	4,805
1974	8,610	3,906	1,150	2,756	4,804	1,996	3,208
1975	6,816	4,908	1,679	3,229	2,009	750	1,259
1976	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ ¹	2,803	1,931	840	1,091	672	494	178
1977	7,784	5,594	2,083	3,511	2,190	1,411	779
1978	9,014	6,661	2,530	4,181	2,353	1,601	752
1979	13,845	7,120	1,900	5,220	6,725	5,173	1,555
1980	9,695	5,753	1,993	5,580	2,122	1,450	672
1981	10,550	7,305	1,460	5,845	3,245	2,548	699
1982	12,324	8,129	1,454	6,675	4,195	3,084	1,111
1983	14,202	8,603	1,619	6,984	5,589	3,932	1,687
1984	15,524	9,038	1,621	7,417	6,486	4,401	2,085
1985	18,128	12,327	1,579	10,748	5,801	2,365	3,436
1986	16,739	10,900	1,330	8,570	5,839	1,980	3,659
1987	14,488	9,386	1,138	8,248	5,102	953	4,149
Near East and South Asia	7,608	3,309	517	2,792	4,289	833	3,465
East Asia	709	539	63	476	171	—	171
Europe	299	108	—	108	191	105	86
Latin America	1,912	1,697	285	1,412	215	—	215
Africa	1,233	1,085	273	822	139	15	124
Oceania and other	18	16	2	14	—	—	—
Non-regional	2,712	2,824	—	2,624	88	—	88

^a Represents zero. ¹ Transition quarter, July–Sept.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

No. 1367. U.S. FOREIGN MILITARY AID, BY REGION AND SELECTED COUNTRIES: 1983 TO 1987

[In millions of dollars. For years ending Sept. 30, Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1983	1984	1985	1986	1987	REGION AND COUNTRY	1983	1984	1985	1986	1987
Total	5,599	6,486	5,801	5,839	5,102	East Asia	367	443	416	381	171
Near East and South Asia	4,184	4,765	4,248	4,427	4,298	Indonesia	27	47	34	21	12
Egypt	1,327	1,367	1,177	1,246	1,302	Malaysia	5	11	5	2	1
Greece	281	501	501	432	344	Philippines	51	52	42	105	103
Israel	1,700	1,700	1,400	1,723	1,800	South Korea	187	232	232	165	2
Jordan	53	117	92	83	42	Thailand	96	101	102	88	52
Lebanon	102	16	1	1	1	Africa ¹	338	335	279	205	139
Oman	30	40	40	9	(z)	Botswana	5	9	9	4	2
Pakistan	261	301	326	312	314	Cameroon	3	5	5	(2)	1
Turkey	403	718	704	619	494	Djibouti	2	2	3	2	1
Yemen	7	5	6	3	2	Gabon	2	3	(2)	(2)	(2)
Latin America ¹	164	359	269	238	215	Kenya	22	24	22	21	12
Colombia	1	25	1	4	5	Liberia	13	13	13	6	1
Costa Rica	5	9	11	3	2	Morocco	101	70	50	36	46
Dominican Rep.	7	6	9	5	3	Niger	3	2	5	4	8
Ecuador	5	7	7	5	5	Somalia	31	33	34	20	8
El Salvador	81	197	136	122	112	Sudan	44	47	46	17	6
Haiti	1	1	1	2	1	Tunisia	102	112	67	66	34
Honduras	48	77	67	61	61	Zaire	10	8	8	8	5
Jamaica	4	4	8	8	3						
Panama	6	14	11	8	4						
Peru	5	11	9	1	(z)						

² Less than \$500,000. ¹ Includes amounts not shown separately.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

NO. 1368. U.S. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGION AND SELECTED COUNTRIES: 1983 TO 1987

[In millions of dollars. For years ending Sept. 30. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID. See text, section 29]

REGION AND COUNTRY	1983	1984	1985	1986	1987	REGION AND COUNTRY	1983	1984	1985	1986	1987
Economic assistance.....	5,244	5,684	8,132	7,446	6,355	Latin America¹—					
Near East and South Asia¹.....	2,400	2,474	3,867	3,728	2,783	Con., Paraguay.....	—	(2)	1	1	1
Bangladesh.....	79	77	76	72	80	Peru.....	38	119	38	26	21
Cyprus.....	15	15	15	14	15	ROCAP ²	19	16	107	63	58
Egypt.....	750	853	1,065	1,069	820	Regional.....	37	23	30	30	29
Israel.....	785	910	1,950	1,898	1,200	Africa¹.....	636	728	900	766	620
Jordan.....	20	20	100	95	111	Botswana.....	10	11	10	14	6
Lebanon.....	52	28	20	16	13	Burkina.....	(2)	(2)	8	15	9
Nepal.....	14	14	18	17	16	Burundi.....	6	4	4	3	2
Oman.....	15	15	20	20	15	Cameroon.....	19	23	24	25	31
Pakistan.....	200	225	250	263	276	Cape Verde.....	2	2	3	3	2
Sri Lanka.....	51	45	35	25	26	Chad.....	2	11	16	16	11
Turkey.....	285	139	175	120	102	Congo.....	1	1	1	1	1
Yemen (Sanaa).....	28	27	28	25	25	Djibouti.....	2	3	4	3	2
Regional.....	17	19	23	—	—	Equatorial Guinea.....	1	1	1	1	1
East Asia.....	216	230	313	518	440	Gambia, The.....	4	4	6	5	9
Burma.....	14	12	15	10	7	Ghana.....	—	(2)	2	4	3
Indonesia.....	72	75	72	66	88	Guinea.....	2	2	4	13	2
Philippines.....	87	84	183	351	253	Guinea-Bissau.....	2	2	4	2	1
Thailand.....	23	36	36	31	27	Kenya.....	61	53	40	43	37
East Asia Regional.....	21	23	7	59	65	Lesotho.....	12	10	11	10	13
Europe.....	45	62	94	142	106	Liberia.....	45	48	60	45	27
Italy.....	13	10	2	—	(2)	Malawi.....	7	8	25	35	13
Portugal.....	20	40	80	77	65	Mali.....	10	12	32	32	12
Spain.....	12	12	12	12	5	Mauritania.....	5	5	11	4	4
Latin America¹.....	842	912	1,506	1,126	1,310	Mauritius.....	2	4	7	2	3
Belize.....	17	4	23	10	13	Morocco.....	11	26	38	37	28
Bolivia.....	11	52	18	38	29	Niger.....	21	26	28	24	27
Costa Rica.....	184	146	196	139	161	Rwanda.....	5	8	19	7	9
Dominican Rep.....	35	64	126	67	20	Senegal.....	19	35	44	50	35
Ecuador.....	22	23	33	50	37	Seychelles.....	2	2	2	2	3
El Salvador.....	199	161	376	268	414	Sierra Leone.....	1	1	(2)	(2)	1
Grenada.....	—	48	11	—	—	Somalia.....	48	51	51	46	36
Guatemala.....	22	5	76	90	154	Sudan.....	115	146	148	71	21
Guyana.....	(2)	—	—	—	—	Swaziland.....	6	6	9	11	9
Haiti.....	27	26	31	47	75	Tanzania.....	—	1	(2)	(2)	58
Honduras.....	87	71	205	112	175	Togo.....	3	4	4	11	5
Jamaica.....	82	88	115	85	44	Tunisia.....	5	2	23	23	18
Nicaragua.....	—	—	—	—	—	Uganda.....	8	9	9	15	7
Panama.....	6	11	74	33	12	Zaire.....	15	26	38	48	33
						Zambia.....	16	21	42	20	17
						Zimbabwe.....	60	41	41	13	8
						Regional.....	59	50	98	85	52
						Non-regional.....	1,108	1,279	1,453	1,168	1,116

— Represents zero. Z Less than \$500,000. ¹ Includes countries not shown separately. ² Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

Foreign Commerce and Aid

No. 1369. U.S. EXPORTS AND IMPORTS OF MERCHANDISE: 1960 TO 1987

[In billions of dollars, except percent. Includes silver ore and bullion; beginning 1974, includes shipments of nonmonetary gold. Data may differ from those shown in tables 1345, 1349, and 1350, due to revisions and inclusion of the Virgin Islands since 1974. For basis of dollar values, see text, section 29. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212.]

YEAR	Merchandise trade balance	EXPORTS ¹					GENERAL IMPORTS ⁴				AVERAGE ANNUAL PERCENT CHANGE ⁶	
		Domestic					Total ³	Petro-	Machinery	Transport equipment	Domestic exports	General imports
		Total ²	Total ³	Agricultural	Machinery	Transport equipment						
1960.....	4.6	19.6	19.4	(NA)	(NA)	(NA)	15.0	(NA)	(NA)	(NA)	19.8	.1
1965.....	5.3	26.7	26.3	(NA)	(NA)	(NA)	21.4	(NA)	(NA)	(NA)	4.0	4.3
1966.....	3.8	29.4	28.9	6.9	7.4	3.8	25.5	2.1	2.6	2.2	9.9	19.2
1967.....	4.1	30.9	30.6	6.4	8.0	4.5	26.8	2.1	3.0	2.8	5.9	5.1
1968.....	.8	34.1	33.6	6.2	8.6	5.9	33.2	2.3	3.7	4.3	8.8	8.4
1969.....	1.9	37.3	38.8	5.9	9.9	6.5	36.0	2.6	4.5	5.3	9.5	11.1
1970.....	2.7	42.7	42.0	7.2	11.4	6.5	40.0	2.8	5.3	5.9	14.1	10.8
1971.....	-2.0	43.5	42.9	7.7	11.6	7.9	45.6	3.3	6.0	7.9	2.1	14.0
1972.....	-6.4	49.2	48.4	9.4	13.2	8.3	55.6	4.3	7.8	9.6	12.8	21.9
1973.....	1.3	70.8	69.7	17.7	17.1	10.7	69.5	7.6	10.0	11.1	44.0	25.0
1974.....	-4.5	98.1	98.5	22.0	23.7	14.5	102.6	24.3	11.6	12.5	38.5	47.6
1975.....	9.1	107.7	108.1	21.9	28.5	17.2	98.5	24.8	12.0	12.2	9.9	-4.0
1976.....	-8.3	115.2	113.5	23.0	31.3	18.2	123.5	31.8	15.2	14.6	7.0	25.4
1977.....	-29.2	121.2	118.9	23.7	32.5	18.5	150.4	41.5	17.7	17.8	4.8	21.8
1978.....	-31.1	143.7	141.0	29.4	37.0	22.3	174.8	39.1	24.4	23.2	18.6	16.2
1979.....	-27.6	181.9	178.6	34.8	44.7	25.8	208.5	56.0	28.0	25.6	26.7	19.8
1980.....	-24.2	220.6	216.5	41.3	55.8	26.8	244.9	77.6	31.8	28.6	21.2	16.8
1981.....	-27.3	239.7	228.9	43.3	62.9	32.8	261.0	75.6	38.2	31.4	5.7	6.6
1982.....	-31.8	212.3	207.1	36.5	60.3	23.6	242.0	59.4	39.7	33.6	-9.5	-6.5
1983.....	-57.5	200.5	196.0	36.1	54.3	28.3	258.0	52.3	47.0	39.2	-5.4	5.7
1984.....	-107.9	217.9	212.1	37.8	60.3	29.7	325.7	55.9	68.4	50.8	8.2	28.2
1985.....	-132.1	219.1	206.9	29.2	59.5	34.8	345.3	49.6	75.3	62.0	-2.5	6.0
1986.....	-152.7	217.3	206.4	26.1	60.4	34.9	370.0	34.1	87.5	74.0	-2	5.8
1987.....	-152.1	254.1	243.9	28.6	69.8	39.0	406.2	41.5	99.4	78.4	11.8	11.2

NA. Not available. ¹Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries, f.a.s. value basis. ²Domestic and foreign exports excluding M.A.P., Grant-Aid shipments, through 1985; 1986 and 1987 include Grant-Aid shipments. ³Includes commodity groups not shown separately. ⁴1960-1973, 1982-1987, customs value basis; 1974-1981, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. ⁵1980, change from 1959; thereafter, from previous year. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1370. U.S. EXPORTS AND GENERAL IMPORTS, BY STATE OF ORIGIN AND DESTINATION: 1987

[In millions of dollars. Exports, f.a.s. value basis; general imports, c.i.f. value basis]

STATE	EXPORTS			GENERAL IMPORTS			STATE	EXPORTS			GENERAL IMPORTS		
	Total	Percent	Rank	Total	Percent	Rank		Total	Percent	Rank	Total	Percent	Rank
Total	252,866	100.0	(x)	424,082	100.0	(x)	MO.....	1,820	.7	25	3,280	.8	17
U.S.	189,153	74.8	(x)	350,945	82.8	(x)	MT.....	239	.1	45	349	.1	42
AL.....	1,850	.7	23	1,032	.2	34	NE.....	559	.2	39	345	.1	33
AK.....	1,269	.5	30	280	.1	44	NV.....	309	.1	44	1,201	.3	40
AZ.....	2,526	1.0	20	2,609	.6	20	NH.....	710	.3	35	558	.1	3
AR.....	519	.2	40	1,002	.2	35	NJ.....	5,024	2.0	12	38,243	9.0	(2)
CA.....	27,467	10.9	1	69,413	16.4	1	NM.....	132	.1	48	55	.2	46
CO.....	1,422	.6	28	2,024	.5	27	NY.....	14,973	5.9	3	59,631	14.1	13
CT.....	2,616	1.0	19	7,738	1.8	11	NC.....	4,466	1.8	14	4,705	1.1	12
DE.....	611	.2	37	1,551	.4	31	ND.....	232	.1	46	149	.2	45
DC.....	125	(2)	(x)	816	2	(x)	OH.....	7,572	3.0	8	9,962	2.3	8
FL.....	7,624	3.0	7	9,212	2.2	10	OK.....	842	.3	34	1,595	.4	30
GA.....	3,000	1.2	18	4,823	1.1	15	OR.....	2,269	.9	21	1,847	.4	28
HI.....	152	.1	47	802	.2	37	PA.....	4,642	1.8	13	9,785	2.3	9
ID.....	423	.2	42	121	(2)	46	RI.....	383	.2	43	1,238	.3	32
IL.....	6,864	2.7	10	16,087	3.8	6	SC.....	1,729	.7	26	2,486	.6	22
IN.....	3,185	1.3	16	3,302	.8	16	SD.....	50	(2)	49	44	(2)	49
IA.....	1,395	.6	29	415	.1	41	TN.....	1,902	.8	22	2,519	.6	21
KS.....	1,171	.5	31	2,058	.5	26	TX.....	19,706	7.8	2	23,910	5.6	5
KY.....	1,833	.7	24	2,445	.6	23	UT.....	658	.3	36	795	.2	38
LA.....	9,775	3.9	6	1,861	.4	29	VT.....	562	.2	38	809	.2	36
ME.....	500	2	41	783	.2	39	VA.....	5,642	2.2	11	4,634	1.1	14
MD.....	1,487	.6	27	2,277	.5	25	WA.....	10,591	4.2	5	4,987	1.2	12
MA.....	6,987	2.8	9	10,565	2.5	7	WV.....	1,020	4	32	90	(2)	47
MI.....	12,988	5.1	4	28,821	6.7	4	WI.....	3,077	1.2	17	2,304	.5	24
MN.....	3,321	1.3	15	2,926	.7	19	WY.....	6	(2)	50	1	(2)	50
MS.....	873	.4	33	3,055	.7	18	PR.....	1,876	.7	(x)	3,474	.8	(x)
VI.....							VI.....	69	(2)	(x)	3,360	.3	(x)
Other ¹							Other ¹	61,767	24.4	(x)	68,303	18.1	(x)

X. Not applicable. Z. Less than .05 percent. ¹Includes unreported, not specified, special category, estimated shipments, foreign trade zone, non-United States, and exports to Canada.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

Exports and Imports of Leading Commodities

787

No. 1371. U.S. DOMESTIC EXPORTS AND GENERAL IMPORTS OF SELECTED COMMODITIES—VALUE, BY AREA: 1987

[In millions of dollars. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are customs value basis]

SELECTED COMMODITIES	Total ¹	WESTERN HEMISPHERE		WESTERN EUROPE			ASIA			OPEC ²
		Canada	Mexico	United Kingdom	West Germany	France	Japan	China: Taiwan	South Korea	
Domestic exports, total	243,859	57,480	14,058	13,343	11,109	7,592	27,341	7,246	7,920	10,872
Agricultural commodities	28,636	1,807	(NA)	654	1,284	(NA)	5,694	(NA)	(NA)	(NA)
Nonagricultural commodities	215,223	55,672	(NA)	12,689	9,824	(NA)	21,648	(NA)	(NA)	(NA)
Food and live animals	19,179	1,550	668	436	586	398	4,691	556	664	1,748
Meat and meat preparations	1,788	136	58	39	9	89	898	12	2	95
Grain and cereal preparation	8,058	115	368	69	12	13	1,595	394	571	1,119
Wheat and wheat flour	3,248	1	17	20	17	1	353	104	213	453
Corn	3,314	29	284	8	6	8	1,036	251	356	142
Beverages and tobacco	3,667	58	6	60	207	28	865	147	8	259
Crude materials, excluding fuels	20,418	1,672	1,037	856	1,101	428	4,954	1,228	2,057	552
Soybeans	4,343	41	220	73	286	86	786	380	232	81
Logs and lumber	3,008	300	57	57	82	12	65	95	174	22
Metal ores and scrap	3,018	465	144	175	110	48	877	173	281	34
Mineral fuels and related materials	7,713	1,360	510	154	63	189	297	316	321	192
Bituminous coal	3,310	642	5	114	20	124	484	190	146	40
Chemicals and related products	26,381	3,278	1,439	1,072	1,182	755	3,422	1,139	995	1,317
Manufactured goods	17,136	4,821	1,509	897	647	310	1,769	298	455	799
Textile yarn, fabric, articles	2,933	587	246	178	99	59	150	42	55	230
Iron and steel mill products	1,223	454	193	44	38	15	47	28	19	35
Machinery	69,637	13,267	5,372	5,558	4,117	3,340	4,794	2,039	2,067	3,090
Power generating	10,193	2,609	621	763	450	1,052	547	159	113	493
Agricultural ³	1,493	671	50	62	44	98	41	5	4	106
General industrial	8,155	2,239	768	471	335	217	381	173	232	735
Office machinery and computers	18,692	2,839	506	2,281	1,855	1,077	1,707	378	332	314
Telecommunications ⁴	5,085	629	642	384	174	88	408	278	172	397
Electrical ⁵	16,637	2,614	2,181	1,031	828	524	1,226	839	783	314
Transport equipment	38,859	15,841	1,557	1,963	1,375	674	2,283	306	437	1,543
Automobile, motor vehicles ⁶	20,879	14,934	1,350	234	380	273	328	140	116	1,022
Aircraft and parts	16,904	665	147	1,675	858	360	1,893	116	301	466
Professional, scientific, and controlling instruments	7,388	972	397	630	593	416	907	180	207	238
General imports, total	405,901	71,085	20,271	17,341	27,069	10,730	84,575	24,622	16,987	23,953
Agricultural commodities	20,687	2,225	(NA)	177	596	(NA)	219	(NA)	(NA)	(NA)
Nonagricultural commodities	385,214	68,861	(NA)	17,164	26,474	(NA)	84,356	(NA)	(NA)	(NA)
Food and live animals	20,547	3,058	2,072	158	341	157	391	518	293	1,212
Meat and meat preparations	2,786	621	1	1	7	8	1	1	1	1
Fish, including shellfish	5,590	1,241	477	44	3	25	224	352	239	493
Vegetables and fruit	4,476	187	826	11	84	20	41	128	24	187
Coffee	2,706	4	399	(z)	90	5	(2)	2	1	270
Beverages and tobacco	4,105	479	271	550	194	837	46	2	17	11
Crude materials, excluding fuels	11,526	6,433	276	139	135	110	128	56	22	579
Paper base stocks	2,110	1,880	1	(2)	1	(2)	(2)	(2)	-	24
Wood	3,341	3,112	20	(2)	2	(2)	(2)	(2)	-	89
Metal ores and scrap	2,446	820	89	46	31	27	9	3	1	20,366
Mineral fuels and related materials	44,220	6,719	3,857	2,357	43	73	81	12	28	15,054
Crude petroleum	29,321	3,392	3,520	2,008	-	72	13	11	28	5,096
Petroleum products	12,209	1,064	278	330	43	1	34	-	-	225
Natural gas	2,504	2,166	57	21	(2)	1	(2)	1	(2)	211
Chemicals and related products	16,213	3,052	507	1,472	2,166	1,417	2,150	258	143	128
Manufactured goods	53,356	13,222	2,007	1,833	2,833	1,587	6,546	3,685	1,998	983
Paper, paperboard	6,595	5,025	289	103	202	79	146	72	50	20
Iron and steel	8,490	1,491	218	275	738	527	2,215	123	489	150
Nonferrous metals	7,991	2,840	462	267	361	146	451	34	12	211
Machinery	99,433	8,583	6,760	4,482	8,128	2,729	35,748	7,670	4,864	27
Power generating	10,880	2,257	1,214	1,167	1,116	1,109	2,387	71	55	1
General industrial	11,111	1,239	425	731	1,617	408	3,159	739	269	5
Telecommunications ⁴	20,821	616	1,744	154	159	90	10,631	2,365	2,061	1
Electrical ⁵	24,428	1,826	2,817	694	1,548	524	6,599	2,137	1,641	2
Office machinery and data processing equipment	18,462	1,168	489	868	551	161	8,865	1,924	768	13
Transport equipment	78,376	22,016	1,967	2,709	10,201	2,003	31,172	759	2,216	15
Automobiles, buses, trucks	57,024	14,349	1,268	1,218	8,993	260	26,042	9	2,062	(z)
New passenger cars	47,859	10,185	1,176	1,194	8,902	256	21,305	-	2,061	(z)
Motor vehicle parts	13,740	5,890	649	350	816	136	3,665	194	86	(z)
Clothing	20,480	273	433	247	113	200	378	2,937	3,034	392
Footwear	7,237	35	105	27	21	101	9	2,411	1,751	2

- Represents zero. NA Not available. Z Less than \$500,000. ¹ Includes countries and regions not shown separately. ² Organization of Petroleum Exporting Countries. See table 946 for list of countries. ³ Agricultural machinery and parts and tractors, excluding tractor parts. ⁴ Includes sound recording and reproducing apparatus and equipment. ⁵ Electrical machinery, apparatus, appliances, and parts. ⁶ Includes motor vehicle and tractor parts, except tires, engines, and electrical parts.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, December issue; U.S. General Imports/World Area and Country of Origin by Schedule A Commodity Groupings and FT 185, U.S. Exports/World Area and Country of Destination by Schedule E Commodity Groupings FT 455.

Foreign Commerce and Aid

No. 1372. U.S. EXPORTS, IMPORTS, AND MERCHANDISE TRADE BALANCE, BY CONTINENT, AREA, AND COUNTRY: 1980 TO 1987
 (In millions of dollars, except percent. Includes silver ore and bullion. Area, continent, and individual country totals include exports of special category commodities, if any. Data include nonmonetary gold; beginning 1984, data include trade of Virgin Islands with foreign countries; see footnote 2 for exception. Minus sign [−] denotes an excess of imports over exports. See *Historical Statistics, Colonial Times* to 1970, series U 317-352, for selected countries)

CONTINENT, AREA, AND COUNTRY	MERCHANDISE TRADE BALANCE										GENERAL IMPORTS ¹				
	GENERAL EXPORTS ¹					GENERAL IMPORTS ¹					1980	1984	1985	1986	1987
1980	1984	1985	1986	1987	1980	1984	1985	1986	1987	1980	1984	1985	1986	1987	
Total²	220,783	217,888	213,146	217,304	252,886	244,871	325,726	345,276	369,961	405,901	24,088	107,838	132,330	152,657	153,032
Developed countries ³	130,848	135,884	134,018	141,447	165,375	125,306	200,714	223,314	245,967	266,561	+5,542	-64,820	-86,296	-104,520	-91,186
Percent of total	59.3	62.4	62.9	65.1	65.1	61.6	64.7	66.5	68.3	70.4	+4,488	-45,389	-44,488	-44,488	-59,430
Developing countries ³	81,126	74,421	70,339	81,663	81,025	81,025	118,790	116,161	117,221	114,123	-35,900	+1,383	+1,383	+1,383	-2,497
Communist areas total	7,616	7,214	7,091	5,125	5,721	2,486	5,221	5,801	6,773	8,218	+5,20	+1,072	+1,072	+1,072	+94
Unidentified countries	1,116	389	385	94	77	44	1	(X)	(X)	(X)	+386	+966	+966	+966	+77
Africa	9,060	8,827	7,988	5,778	6,283	34,110	13,355	11,964	10,348	11,839	-20,350	-55,528	-47,576	-47,576	-5,656
Oceania	60,188	64,533	60,175	64,332	64,332	73,268	80,959	121,884	114,452	120,131	+53,869	-71,139	-89,337	-101,184	-101,184
Europe	67,372	65,727	59,718	63,389	63,389	53,952	53,555	3,819	3,717	+2,187	+2,580	+2,942	+2,942	+2,942	+2,390
North America	17,377	11,050	11,022	13,036	14,400	17,975	48,039	73,357	81,620	97,591	+11,195	+21,714	+28,195	+28,195	+28,195
South America	74,114	78,299	78,271	76,411	94,795	114,976	78,987	115,916	110,201	117,954	+4,733	36,164	-37,645	-37,645	-23,159
Western Hemisphere															
Canada	35,395	46,524	47,251	45,333	59,814	41,459	68,478	69,006	68,253	71,085	6,064	-19,954	-21,755	-22,920	-11,277
20 Latin American countries	36,030	26,302	27,850	28,968	31,572	31,407	27,277	5,554	43,448	44,371	+6,378	-16,059	-15,598	-11,573	-12,797
Other Western Hemisphere	2,688	3,383	3,170	3,110	3,110	3,407	2,727	3,402	2,408	2,998	+3,889	-2,171	-2,171	-2,171	+989
Central American Common Market															
Costa Rica	1,951	1,639	1,622	1,767	1,873	1,849	1,757	1,722	2,081	1,939	+102	-90	-90	-90	-66
El Salvador	498	423	422	483	582	356	473	501	641	670	+142	-57	-57	-57	-55
Guatemala	272	427	445	518	390	427	390	396	385	284	-155	-67	-67	-67	-15
Honduras	532	377	405	400	480	435	444	409	601	495	+117	-71	-71	-71	+3
Nicaragua	379	322	308	363	418	419	393	375	433	489	+39	+55	+55	+55	+3
Latin American Free Trade Association															
Argentina	32,274	22,820	24,414	24,180	27,356	26,735	38,861	39,943	35,665	40,119	+5,539	-16,041	-15,529	-11,175	-13,163
Bolivia	2,625	900	721	944	1,090	741	954	1,039	856	1,080	+386	-54	-346	-346	+10
Chile	172	106	120	112	140	182	155	199	124	111	-10	-49	-21	-21	+20
Colombia	4,343	3,840	3,140	3,885	4,040	3,715	7,621	7,526	6,813	7,965	+628	-4,981	-2,926	-3,625	-3,625
Ecuador	1,353	805	682	823	796	515	781	745	820	981	+838	+24	+24	+24	+185
Mexico	1,736	1,450	1,468	1,319	1,412	1,241	1,146	1,331	1,874	2,232	+495	+304	+304	+304	+820
Paraguay	15,145	11,982	13,835	12,392	14,582	12,580	18,020	19,132	17,302	20,271	-126	-1040	-1,246	-864	-645
Peru	1,171	751	64	98	171	183	81	41	30	22	+28	+23	+75	+141	+161
Uruguay	4,153	3,377	3,398	3,141	3,586	5,321	6,548	6,537	5,087	5,579	-748	-3,188	-1,956	-1,956	-1,956
Venezuela															
Other Latin America	1,805	1,823	1,814	2,021	2,345	2,1	1,723	1,792	1,826	1,913	+437	+100	+32	+32	+492
Cuba	(2)	1	1	2	1	(2)	(2)	(2)	(2)	(2)	+1,163	+8	+1	+1	+1
Dominican Republic	795	646	742	921	1,142	787	1,018	982	1,085	1,395	+375	-312	-240	-164	-21
Puerto Rico	311	419	396	387	459	459	322	330	386	386	+369	+42	+42	+42	+64
Panama	698	757	675	711	743	330	325	325	325	325	+356	+265	+265	+265	+387

Merchandise Trade by Country

789

Other Western Hemisphere											
2,688	3,383	3,110	3,407	7,277	5,554	3,482	2,408	2,498	-4,589	-2,171	-292
396	555	786	761	782	1,469	626	442	416	-1,073	-618	+160
136	242	173	147	132	98	254	202	108	+140	-12	-28
58	53	56	59	72	60	46	47	51	+2	+7	+9
Barbados	Belize	Bolivia	Bolivia	Bolivia	Bolivia	Bolivia	Bolivia	Bolivia	+230	+25	+25
Bermuda	French West Indies	French West Indies	French West Indies	French West Indies	French West Indies	French West Indies	French West Indies	French West Indies	+36	+42	+42
Greenland	Guatemala	Guatemala	Guatemala	Guatemala	Guatemala	Guatemala	Guatemala	Guatemala	+1	+1	+2
Guyana	Jamaica	Jamaica	Jamaica	Jamaica	Jamaica	Jamaica	Jamaica	Jamaica	-11	-10	+3
Liechtenstein and Vorarlberg Islands	Leeward and Windward Islands	-24	-27	-4							
Malta	Netherlands Antilles	Netherlands Antilles	Netherlands Antilles	Netherlands Antilles	Netherlands Antilles	Netherlands Antilles	Netherlands Antilles	Netherlands Antilles	+118	+118	-17
Suriname	Trinidad and Tobago	Trinidad and Tobago	Trinidad and Tobago	Trinidad and Tobago	Trinidad and Tobago	Trinidad and Tobago	Trinidad and Tobago	Trinidad and Tobago	+164	+164	+158
Other	Other	Other	Other	Other	Other	Other	Other	Other	+151	+151	+206
67,512	58,019	56,783	61,642	69,718	46,602	71,153	79,756	89,825	95,486	20,910	-13,134
Western Europe	Western Europe	Western Europe	Western Europe	Western Europe	Western Europe	Western Europe	Western Europe	Western Europe	-22,993	-28,163	-25,778
66,654	57,486	56,094	61,003	66,991	46,197	70,826	79,155	89,130	94,656	+20,517	-13,140
58,691	50,498	48,996	53,155	60,575	37,882	60,229	67,922	75,736	81,188	+20,809	-9,731
6,661	5,301	4,918	5,389	6,189	1,914	3,139	3,387	4,006	4,171	+4,747	+2,162
863	6,037	6,096	7,216	7,943	7,227	9,113	1,385	1,757	1,779	+136	+613
Greece	Ireland	Ireland	Ireland	Ireland	Ireland	Ireland	Ireland	Ireland	+630	+2,220	-3,386
922	456	480	490	402	282	355	394	480	+101	+103	+36
838	1,354	1,342	1,434	1,810	413	844	901	1,003	+112	+423	+510
5,511	4,375	4,625	4,838	5,530	4,325	5,835	6,974	10,607	11,040	+441	+431
8,689	7,554	7,289	7,848	8,217	9,193	4,069	4,081	4,066	+196	+5,049	+686
911	961	695	638	581	278	477	546	552	+6,758	+3,485	-5,769
3,179	2,561	2,524	2,615	1,220	2,391	2,516	2,702	2,835	+633	+484	+2,523
12,694	12,210	11,418	14,114	9,842	14,492	14,337	15,396	17,341	+2,832	+149	+86
10,950	9,084	10,561	11,748	11,693	16,986	20,289	25,124	27,069	-735	-1,789	-83
7,982	6,989	7,091	7,850	8,516	8,295	10,401	11,343	13,395	13,447	-283	-3,412
7,447	3,75	7,44	7,454	5,549	3,68	7,74	11,834	9,920	+58	-339	-4,921
505	350	439	361	515	488	782	895	903	+58	-432	-457
78	51	38	60	84	200	207	228	246	-121	-156	-175
843	859	669	807	842	2,632	1,904	1,164	1,079	1,404	-1,045	-202
1,787	1,542	1,925	1,871	1,594	1,617	3,264	4,124	4,753	-1,789	-1,702	-592
3,781	2,563	2,288	2,877	3,151	2,803	3,117	3,776	5,253	-1,188	-2,546	-2,864
540	1,249	1,295	1,160	1,483	1,75	423	602	633	+978	-554	-2,275
658	539	679	639	627	484	527	591	695	+364	+46	-56
758	432	101	94	461	446	478	542	646	+310	+52	-234
102								49	+84	+52	+35
Other	Other	Other	Other	Other	Other	Other	Other	Other	+84	+62	+102
Other Western Europe	Other Western Europe	Other	Other	Other	Other	Other	Other	Other	+6	-53	-336
Yugoslavia	Yugoslavia	Other	Other	Other	Other	Other	Other	Other	-46	-53	-113

See footnotes at end of table.

No. 1372. U.S. EXPORTS, IMPORTS, AND MERCHANDISE TRADE BALANCE, BY CONTINENT, AREA, AND COUNTRY: 1980 TO 1987—Continued

[In millions of dollars, except percent. See headnote, p. 788.]

CONTINENT, AREA, AND COUNTRY	GENERAL IMPORTS ¹										MERCHANDISE TRADE BALANCE			
	1980	1981	1982	1983	1984	1985	1986	1987	1980	1984	1985	1986	1987	
EXPORTS, DOMESTIC AND FOREIGN														
CONTINENT, AREA, AND COUNTRY														
Communist areas in Europe														
Bulgaria	3,860	4,183	3,216	1,989	2,260	1,437	2,154	1,936	2,001	1,923	+2,423	+2,034	+1,279	-12
Czechoslovakia	161	44	25	97	89	47	25	36	57	42	+136	+15	+68	+40
East Germany	185	58	68	72	54	44	69	85	78	85	+116	+435	-28	-13
Hungary	479	157	73	88	98	95	107	121	87	85	+435	-27	-12	-19
Poland	80	88	94	236	151	239	416	220	220	225	+239	+219	-133	-124
Romania	714	318	248	286	281	193	312	893	882	754	+410	+1,059	+674	-82
Soviet Union	1,513	3,284	2,438	1,480	1,480	454	654	408	568	425	+2,730	+2,014	-503	-522
Other	1,57	10	12	4	3	10	2	3	3	3	+1,059	+1,059	+9	+1,055
All	60,168	64,533	60,745	64,532	73,268	60,299	120,132	131,864	153,866	174,452	-55,998	-71,159	-88,337	-101,184
Japan	20,780	23,575	22,634	26,882	26,298	30,744	57,135	68,783	81,911	84,575	-9,924	-32,560	-152	-56,329
Communist areas	3,756	3,027	3,976	3,987	3,987	3,987	3,985	3,985	4,772	6,772	+2,697	+11	-1,636	-2,776
Near East Asia	11,900	11,133	9,709	8,415	9,502	18,672	8,062	6,267	7,890	10,811	-6,772	+3,071	+3,442	+525
Bahrain	197	145	107	195	205	16	54	84	77	63	+181	+142	+118	-1,308
Iran	192	162	74	34	54	458	700	725	585	688	-425	-538	-651	-1,614
Iraq	724	664	427	528	683	460	124	474	485	284	+540	+457	+88	+188
Israel	2,045	2,184	2,550	2,259	3,30	950	1,750	2,123	2,418	2,639	+444	+457	-179	+491
Jordan	407	299	377	532	565	3	4	14	10	11	+404	+295	+353	+324
Kuwait	886	636	551	657	505	494	267	522	522	522	+392	+387	+376	+17
Lebanon	300	296	141	106	97	33	19	30	33	33	+270	+279	+122	+64
Saudi Arabia	5,768	5,564	4,474	3,449	3,373	12,648	3,741	1,907	3,612	4,433	-6,880	+1,823	+2,567	+1,050
Syria	1,239	1,104	106	59	98	2	3	8	59	213	+102	+103	+51	+34
Other	1,307	1,079	872	816	987	3,564	1,420	734	459	888	-2,277	-341	+138	+109
East and South Asia	23,722	26,758	24,530	26,099	31,995	29,854	51,868	52,969	59,296	72,772	-6,152	-25,070	-28,439	-33,197
Afghanistan	22	11	3	1	6	8	6	13	7	5	+6	+5	-6	-3
Burma	28	16	10	16	8	9	14	14	14	14	+20	+2	-4	-4
China, Taiwan	4,337	5,003	4,700	5,524	7,413	6,854	14,768	16,396	19,791	24,622	-2,517	-9,765	-11,896	-14,267
Hong Kong	2,686	3,002	2,768	3,930	3,983	1,729	8,265	8,396	9,854	12,053	-5,204	-5,861	-5,861	-5,871
India	1,689	1,570	1,642	1,588	1,463	1,098	2,552	2,285	2,529	2,529	+591	-982	-853	-747
Indonesia	1,545	1,216	795	946	767	5,217	5,462	4,569	3,312	3,394	-4,246	-3,774	-2,366	-2,827
Kampuchea	25	1	1	1	1	1	1	1	1	1	+26	+1	-	-
Laos	1,337	1,856	1,539	1,730	1,897	2,577	2,721	2,300	2,427	2,921	-1,240	-865	-761	-1,124
Malaysia	642	1,098	1,042	1,098	733	128	244	274	325	405	+514	+849	+768	+328

Philippines.....	1,999	1,786	1,379	1,363	1,599	1,731	2,430	2,145	2,264	+288	-664	-766	-609
Singapore.....	3,033	3,675	3,476	3,380	4,053	1,921	3,979	4,260	4,725	+1,121	-304	-784	-1,345
South Korea.....	4,685	5,983	5,566	6,355	6,099	4,147	9,353	10,013	12,729	+1,197	-3,370	-4,057	-6,374
Spain.....	62	92	73	66	1,544	816	1,326	126	272	+282	-150	-213	-209
Thailand.....	1,263	1,113	849	936	379	351	484	466	590	743	939	-106	-812
Other.....	378	1,345	280	379	447	447	447	447	447	447	-121	-310	-364
Oceania.....	4,876	5,745	6,399	6,659	6,526	3,392	3,558	3,819	3,717	+1,484	+2,187	+2,580	+2,942
Australia.....	4,083	4,783	5,441	5,551	5,495	2,509	2,675	2,837	2,632	3,007	+1,584	+2,118	+2,604
New Zealand.....	599	712	727	227	212	180	92	791	860	982	-104	-133	-101
Other Oceania.....	184	240	231	227	227	227	227	103	122	103	+148	+109	+124
9,060	8,827	7,388	5,978	6,283	34,410	14,355	11,964	10,348	11,939	-25,350	-5,522	-4,576	-4,370
Algeria.....	542	520	430	453	426	6,577	3,638	2,333	1,831	1,989	-6,035	-3,118	-1,903
Angola.....	111	103	137	86	95	47	742	1,010	1,054	678	-1,234	-631	-917
Cameroon.....	93	68	69	48	97	605	721	324	305	414	-512	-651	-255
Central African Republic.....	1	1	1	1	1	2	2,210	539	170	79	4	-8	-2
Egypt.....	1,874	2,704	2,923	1,982	1,366	87	82	43	465	1,335	+2,534	+2,244	+1,870
Eritrea.....	172	174	203	104	25	343	680	502	207	358	-285	-644	-111
Gabon.....	46	36	91	25	53	84	115	206	47	90	191	249	-79
Ghana.....	127	46	54	84	84	115	206	206	206	206	206	206	-1
Ivory Coast.....	185	65	74	97	70	70	82	298	469	525	373	-103	-404
Kenya.....	141	74	70	95	70	95	64	92	141	79	+87	+10	+5
Liberia.....	113	97	73	65	73	65	70	128	98	83	82	-15	-10
Liberia.....	509	200	311	46	(2)	8,595	9	44	2	(2)	-8,056	+191	+267
Madagascar.....	7	39	33	25	18	91	71	53	63	71	-84	-32	-38
Mauritania.....	20	9	26	16	8	(2)	1	(2)	2	18	+19	+8	+26
Morocco.....	344	526	278	487	383	305	34	34	43	50	+309	+482	+240
Mozambique.....	69	23	56	23	50	105	24	16	19	28	-36	-1	-107
Nigeria.....	1,150	577	676	409	295	11,105	2,508	3,002	2,530	3,573	-9,955	-1,981	-2,326
South Africa.....	2,463	2,265	1,205	1,159	1,281	3,321	2,488	2,071	2,365	1,346	-838	-223	-2,121
Sudan.....	142	136	243	190	152	17	20	9	22	22	+125	+116	+234
Tanzania.....	62	44	46	38	35	32	12	10	12	14	+30	+32	+26
Tunisia.....	173	434	256	163	119	80	30	13	11	69	+113	+104	+152
Uganda.....	12	3	105	105	104	119	126	93	113	81	-114	-90	-129
Zaire.....	155	82	105	105	104	104	104	104	104	104	-221	-263	-116
Zambia.....	98	91	60	35	48	200	124	58	65	50	-102	-83	-204
Other.....	549	512	539	400	437	727	1,457	1,009	811	911	-178	-945	-474

Imports: 1980, f.a.s basis; other years, customs value basis. Exports are f.a.s. value. 2. Includes revisions not carried to area values, therefore, area values in other years, customs value basis. Developing countries include Canada, Western Europe, Japan, Australia, New Zealand, and South Africa; developing countries include rest of the world excluding Communist areas in Europe and Asia. 3. Assignment of countries generally follows that made by United Nations. (See table 1403.) 4. OECD=Organization of Economic Cooperation and Development.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade, FT 990*, monthly.

— Represents zero. Z Less than \$500,000. 1. Imports: 1980, f.a.s basis; other years, customs value basis. Exports are f.a.s. value. 2. Includes revisions not carried to area values, therefore, area values in other years, customs value basis. Developing countries include Canada, Western Europe, Japan, Australia, New Zealand, and South Africa; developing countries include rest of the world excluding Communist areas in Europe and Asia. Assignment of countries generally follows that made by United Nations. (See table 1403.) 4. OECD=Organization of Economic Cooperation and Development.

* As of 1981, Greece became a member of EEC; as of 1986 Spain and Portugal became members of EEC. For consistency, data for all years are shown on same basis.

Foreign Commerce and Aid

No. 1373. U.S. EXPORTS AND IMPORTS FOR CONSUMPTION OF MERCHANDISE, BY CUSTOMS REGION AND DISTRICT: 1970 TO 1987

[In billions of dollars. Exports are f.a.s. (free alongside ship) value all years; imports are on customs value basis for years 1983 to present; f.a.s. value basis prior to 1983. See *Historical Statistics, Colonial Times to 1970*, series U 264-273, for related data]

CUSTOMS REGION AND DISTRICT	EXPORTS							IMPORTS FOR CONSUMPTION						
	1970	1980	1983	1984	1985	1986	1987	1970	1980	1983	1984	1985	1986	1987
Total ¹	43.2	220.8	200.5	217.9	213.1	217.3	252.9	40.0	244.0	258.0	323.0	343.6	388.7	402.1
Boston, MA region	3.3	14.3	14.9	17.7	17.5	18.3	21.0	5.7	21.6	27.5	35.2	37.0	40.3	43.4
Portland, ME	.1	4.3	.7	.7	.6	.8	.8	1.6	1.8	2.3	2.3	2.7	3.3	
St. Albans, VT	.2	7.7	.7	1.1	1.1	1.3	1.6	.4	1.6	2.0	2.5	2.7	2.7	3.2
Boston, MA	.4	8	2.6	2.8	2.6	3.0	3.8	4.4	1.0	5.0	6.4	8.1	8.2	9.2
Providence, RI	(2)	2.5	.1	(2)	(2)	(2)	(2)	(2)	.1	.6	1.0	.9	1.0	1.3
Bridgeport, CT	(2)	2	.1	(2)	(2)	(2)	(2)	(NA)	.2	.8	1.2	1.7	1.3	1.4
Ogdensburg, NY	.9	3.8	3.7	4.5	4.1	4.4	4.7	1.1	4.6	5.6	7.1	6.8	7.5	7.9
Buffalo, NY	1.7	6.3	7.0	8.5	8.4	8.2	9.5	2.7	7.4	9.2	13.7	14.7	15.5	15.4
New York, NY region	10.0	38.9	29.0	31.3	28.5	33.4	32.8	10.1	43.4	46.5	59.2	60.5	67.0	68.4
Baltimore, MD region	3.9	21.5	16.8	13.7	13.4	12.1	13.8	3.9	26.8	23.3	29.7	31.1	31.3	34.4
Philadelphia, PA	.7	3.2	2.3	2.1	2.0	1.9	2.4	1.9	15.6	13.4	15.8	15.8	13.7	15.6
Baltimore, MD	1.3	9.0	7.1	5.8	5.5	4.9	5.4	1.4	6.0	5.5	8.5	8.8	11.0	11.8
Norfolk, VA ²	1.8	8.9	7.1	5.4	5.4	5.3	5.5	.8	4.7	4.1	5.0	6.0	5.8	6.3
Washington, DC	.1	.3	.4	.4	.5	(2)	.5	.1	.4	.3	.4	.5	.6	.7
Miami, FL region	2.0	17.6	15.7	18.5	17.8	18.8	21.4	2.4	19.0	21.3	26.3	27.0	31.5	34.5
Wilmingtn, NC	2	1.3	1.3	1.3	1.3	1.2	1.1	2	1.1	1.3	1.7	1.9	2.4	2.5
Charleston, SC ²	2	2.1	2.6	2.9	2.9	3.0	3.6	3	1.8	2.3	3.0	3.3	4.9	5.9
Savannah, GA	4	2.4	2.8	3.7	3.4	3.8	4.4	3	2.2	3.5	4.7	5.1	6.4	7.4
Tampa, FL	2	2.6	2.1	2.8	2.6	2.1	2.7	.6	3.7	4.6	5.7	6.6	7.6	7.4
San Juan, PR	1	.9	1.3	1.4	1.2	1.3	1.4	.6	3.7	3.5	4.3	4.0	3.8	3.9
Virgin Islands	(NA)	.1	.2	.2	.1	(2)	.1	(NA)	4.1	2.6	2.5	1.7	1.2	1.7
Miami, FL	.7	6.9	5.5	6.2	6.1	7.2	8.1	.4	2.6	3.3	4.3	4.4	5.2	5.7
New Orleans, LA region	3.9	22.0	19.6	18.1	15.0	14.4	15.4	1.6	25.5	16.3	17.7	17.5	17.1	18.8
Mobile, AL ²	.5	2.6	1.4	1.2	1.1	1.3	1.4	3	3.0	3.2	3.4	2.8	2.3	2.9
New Orleans, LA	3.5	19.5	18.2	16.8	13.9	13.1	14.0	1.4	22.5	13.0	14.3	14.7	14.8	15.9
Houston, TX region	4.0	28.3	22.5	25.1	23.6	21.7	25.0	1.8	34.7	28.1	31.9	29.7	27.7	31.4
Port Arthur, TX	.5	2.0	1.5	1.7	.8	.7	.9	.1	9.4	5.0	5.2	2.7	1.3	1.9
Laredo, TX	1.1	8.3	4.4	8.4	7.2	6.3	7.5	.4	2.7	4.0	4.6	4.8	5.7	6.8
El Paso, TX	.1	1.8	1.4	1.8	2.1	2.3	2.6	.2	1.4	1.9	2.2	2.5	3.0	3.4
Houston/Galveston, TX	2.4	15.7	14.6	14.7	12.5	11.2	12.5	1.1	20.1	15.7	17.8	17.3	14.5	16.0
Dallas/Fort Worth, TX	(NA)	.5	.6	.8	1.0	1.2	1.5	(NA)	1.2	1.5	2.2	2.4	3.2	3.3
Los Angeles, CA region	2.5	17.0	18.7	20.7	21.9	22.2	26.4	3.3	22.2	26.3	34.6	47.9	53.1	59.4
San Diego, CA	.3	1.4	.9	1.4	1.6	1.5	1.7	.2	1.0	1.2	1.6	1.8	2.2	2.7
Nogales, AZ	.1	.8	.6	.9	.8	.8	1.0	.2	1.2	1.7	1.9	2.0	2.4	3.1
Los Angeles, CA	.1	.8	.6	.9	.8	.8	1.0	.2	1.2	1.7	1.9	2.0	2.4	3.1
San Francisco, CA region	4.9	29.3	27.6	29.3	30.1	32.1	37.0	3.8	25.0	30.2	38.1	38.5	44.1	49.0
San Francisco, CA	1.8	10.6	11.3	12.4	11.8	11.4	14.3	1.3	8.3	11.2	16.2	15.5	19.1	21.8
Portland, OR	.8	3.8	3.7	4.1	3.5	3.2	3.7	.4	2.6	2.8	3.6	3.8	4.7	4.6
Seattle, WA	1.9	12.0	10.0	10.1	12.1	14.9	15.7	1.3	9.2	9.9	12.7	13.4	15.3	17.2
Anchorage, AK	.1	1.0	1.1	1.1	1.3	1.3	1.7	.1	.2	.4	.3	.2	.3	.1
Honolulu, HI	.1	.2	.2	.3	.4	.2	.4	.2	1.8	1.8	1.4	1.5	1.4	1.6
Great Falls, MT	.2	1.8	1.2	1.4	1.5	1.1	1.2	.3	3.2	3.8	3.9	4.0	3.3	3.7
Chicago, IL region	6.2	25.2	27.6	34.0	34.0	33.7	40.7	7.3	25.6	35.7	48.7	52.4	54.8	61.0
Pembina, ND	.4	2.3	2.0	2.3	2.2	2.3	2.5	3.5	3.0	2.5	3.4	3.2	2.6	2.7
Minneapolis, MN	(2)	1	2	2	2	2	2	.3	.1	.3	.8	1.0	1.2	1.4
Duluth, MN	.3	1.5	1.0	1.6	1.9	1.8	1.7	.5	3.0	2.9	3.3	3.0	2.4	2.8
Milwaukee, WI	.1	.4	.2	.2	.3	.2	.1	.1	.4	.8	.9	1.0	.9	.9
Detroit, MI	4.1	14.8	17.9	22.6	22.8	21.3	26.6	4.2	12.7	19.9	25.9	27.4	27.9	29.7
Chicago, IL	.8	4.2	4.7	5.1	5.4	6.1	6.9	1.2	4.1	5.8	10.1	11.4	12.3	13.8
Cleveland, OH	.5	1.8	1.7	1.9	2.1	2.7	3.4	.6	1.5	2.1	2.8	3.8	5.4	7.3
St. Louis, MO	(2)	.2	.1	.1	.1	.2	.2	.1	.9	.8	1.4	1.6	2.0	2.3

NA Not available. Z Less than \$50 million. ¹Totals shown for exports reflect the value of estimated parcel post and Special Category shipments which are not distributed by customs region/district. Beginning 1984, the value of bituminous coal exported through Norfolk, VA; Charleston, SC; and Mobile, AL is reflected in the total but not distributed by region/district. Total bituminous coal exports for the 3 customs districts were valued at \$2.3 billion in 1984, \$2.6 billion in 1985, \$2.3 billion in 1986 and \$1.9 billion in 1987. Totals shown for imports include estimated shipments not distributed by region/district. ²Beginning 1984, excludes exports of bituminous coal.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

No. 1374. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1981 TO 1987

[Indexes in U.S. dollars, 1980=100. A unit value is an implicit price derived from value and quantity data]

COUNTRY	EXPORT UNIT VALUE							IMPORT UNIT VALUE						
	1981	1982	1983	1984	1985	1986	1987	1981	1982	1983	1984	1985	1986	1987
United States	109	110	112	113	112	113	115	106	104	100	101	99	95	102
Australia	92	95	90	88	79	77	83	103	97	93	93	88	82	102
Austria	86	84	80	74	73	97	114	80	84	79	74	74	92	106
Belgium-Luxembourg	86	80	76	72	72	85	96	80	84	80	80	77	75	83
Canada	104	102	102	101	98	93	98	108	109	109	111	108	105	110
Denmark	90	86	81	77	78	99	116	93	87	82	78	78	93	106
France	88	83	79	77	78	(NA)	(NA)	92	85	79	76	76	(NA)	(NA)
Italy	92	89	85	81	81	99	115	103	97	91	83	82	86	98
Japan	(NA)	(NA)	97	96	85	114	125	(NA)	91	89	89	89	76	81
Norway	100	95	87	85	84	74	78	92	86	79	72	73	85	96
Sweden	91	82	75	75	74	89	(NA)	92	84	77	74	73	81	(NA)
Switzerland	88	88	88	81	78	102	123	83	79	77	72	71	87	102
United Kingdom	94	88	82	78	79	86	100	93	88	82	79	79	84	96
West Germany	98	83	80	74	75	98	115	92	86	81	77	77	87	99

NA Not available.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly.

Exports and Imports

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No. 1375. U.S. EXPORTS AND IMPORTS—INDEXES OF UNIT VALUE AND QUANTITY: 1983 TO 1987

[1977=100]

END-USE COMMODITY CATEGORY	INDEX OF EXPORT OF U.S. MERCHANDISE					INDEX OF GENERAL IMPORTS				
	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
UNIT VALUE										
All commodities.....	154.1	156.2	155.0	155.4	158.6	160.6	163.5	159.4	154.0	164.6
Food, feed and beverages.....	120.4	123.9	110.3	101.7	94.7	118.8	121.1	117.0	125.6	123.3
Industrial supplies and materials.....	144.6	148.1	140.8	135.8	142.0	180.6	178.1	167.2	129.5	143.1
Capital goods exc. auto.....	171.7	171.1	178.1	182.7	185.7	122.0	128.6	131.0	136.2	142.4
Auto. vehicles parts and engines.....	190.3	199.3	208.4	224.3	239.8	185.5	200.3	205.0	236.9	264.2
Consumer goods exc. foods and auto.....	141.6	140.9	138.5	142.2	142.1	133.5	134.8	128.9	130.1	133.9
QUANTITY										
All commodities.....	107.8	115.1	113.0	112.6	127.0	110.3	136.7	148.6	164.9	169.2
Food, feed and beverages.....	130.9	129.4	110.6	111.4	128.8	110.6	125.4	135.0	138.8	142.3
Industrial supplies and materials.....	116.0	123.5	123.8	126.0	139.2	78.3	91.9	91.5	105.8	103.3
Capital goods exc. auto.....	106.3	114.0	111.8	113.1	125.6	244.8	340.4	360.9	401.0	440.7
Auto. vehicles parts and engines.....	66.7	78.2	82.4	73.9	77.5	126.7	154.0	183.8	191.2	185.5
Consumer goods exc. foods and auto.....	94.2	94.3	91.3	99.8	124.2	151.6	201.0	242.6	277.4	300.0

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT-990, monthly, and unpublished data.

No. 1376. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1987

[In millions of dollars. Totals and subtotals include data for commodities not shown separately. Beginning 1975, exports include nonmonetary gold. Commodity data beginning 1980 are not strictly comparable with previous years due to changes in export classifications; see source for changes. Beginning 1980, includes trade of Virgin Islands with foreign countries (see footnote 1 for exception). "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294.]

COMMODITY GROUP	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
U.S. merchandise	42,590	106,561	216,688	228,981	207,158	195,969	212,057	206,925	206,376	243,859
Food and live animals.....	4,356	15,484	27,744	30,291	23,950	24,168	24,463	19,268	17,303	19,179
Meat and preparations.....	175	528	1,283	1,482	1,265	1,191	1,208	1,153	1,424	1,768
Meat (fresh, chilled, or frozen).....	147	491	1,217	1,389	1,194	1,110	1,129	1,090	1,365	1,899
Dairy products and eggs.....	137	134	255	433	408	373	368	388	407	385
Grains and preparations.....	2,598	11,642	18,079	19,457	14,747	15,152	16,076	11,050	7,368	8,058
Wheat and wheat flour.....	1,112	5,293	6,566	8,073	6,869	6,509	6,698	3,780	3,217	3,248
Rice.....	314	858	1,285	1,528	997	926	845	685	621	576
Coarse grains.....	1,072	5,272	9,866	9,501	6,420	7,231	8,241	6,251	3,132	3,742
Corn.....	824	4,448	8,570	8,014	5,682	6,480	7,081	5,319	2,718	3,314
Grain sorghums.....	196	699	1,080	1,174	720	747	880	839	389	406
Fruits and nuts.....	406	871	1,838	1,983	1,778	1,701	1,676	1,710	1,876	2,144
Fruit, fresh.....	164	404	716	802	730	761	688	693	780	829
Vegetables.....	178	406	992	1,131	937	744	759	667	781	811
Feed for animals.....	497	987	2,878	2,739	2,473	2,802	2,226	1,891	2,622	2,692
Beverages and tobacco.....	702	1,308	2,863	2,915	3,026	2,813	2,849	2,958	2,920	3,667
Tobacco and manufactures.....	679	1,253	2,426	2,723	2,845	2,847	2,704	2,789	2,732	3,400
Leaf tobacco.....	481	852	1,334	1,457	1,547	1,462	1,511	1,521	1,209	1,090
Cigarettes.....	159	368	1,055	1,229	1,235	1,126	1,120	1,180	1,298	2,047
Crude materials, inedible, exc. fuels.....	4,805	9,784	23,791	20,993	19,248	18,596	20,249	16,939	17,324	20,416
Hides and skins, except fur skins.....	145	295	694	700	778	807	1,171	1,088	1,314	1,450
Fur skins, undressed.....	42	115	352	325	244	203	212	207	207	281
Soybeans.....	1,216	2,865	5,883	6,200	6,240	5,925	5,438	3,906	4,334	4,434
Synthetic rubber.....	176	261	695	624	553	543	624	584	649	761
Wood in the rough?	366	751	2,002	1,426	1,522	1,366	1,372	1,448	1,418	1,848
Wood shaped or simply worked.....	193	413	1,060	933	811	914	841	760	994	1,349
Lumber, softwood.....	162	342	778	653	576	602	530	493	640	851
Woodpulp.....	464	875	1,652	1,661	1,415	1,432	1,502	1,349	1,662	2,250
Textile fibers and wastes.....	543	1,345	3,929	3,402	2,817	2,583	3,343	2,476	1,602	2,552
Raw cotton, excluding linters.....	372	981	2,884	2,280	1,955	1,817	2,441	1,633	773	1,631
Ores and metal scrap.....	940	1,355	4,518	2,718	2,174	2,276	2,566	2,692	2,802	3,018
Iron and steel scrap.....	447	780	1,226	639	610	637	918	917	1,054	967
Cores and scrap, nonferrous base.....	397	461	1,223	899	690	451	560	517	480	562
Mineral fuels and related materials.....	1,595	4,470	7,982	10,279	12,729	9,500	9,311	9,971	8,114	7,713
Coal.....	962	3,259	4,821	5,909	5,987	4,051	4,132	4,464	3,928	3,366
Petroleum and products.....	488	908	2,833	3,896	5,947	4,557	4,470	4,707	3,639	3,922
Lubricating oils.....	175	275	733	798	345	667	568	549	602	327
Animal and vegetable oils and fats.....	493	944	1,946	1,750	1,541	1,459	1,922	1,434	1,015	981
Tallow, inedible.....	176	289	877	645	572	568	617	538	350	382
Soybean oil.....	192	266	689	474	486	447	742	431	253	263

See footnotes at end of table.

Foreign Commerce and Aid

No. 1376. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1987—Continued

[In millions of dollars. See headnote, p. 793.]

COMMODITY GROUP	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Chemicals and related products....	3,826	8,891	20,740	21,187	19,890	19,751	22,336	21,759	22,766	26,381
Chemical elements and compounds	1,842	3,823	2,106	2,285	1,969	1,838	2,183	1,967	1,771	2,113
Dyeing, tanning, coloring materials	137	244	490	624	494	491	493	461	507	628
Medicinal, pharmaceutical prod.	420	866	1,932	2,165	2,275	2,494	2,628	2,708	3,090	3,182
Fertilizers, manufactured	178	1,083	2,265	1,735	1,386	1,267	1,815	2,160	1,935	2,259
Plastic materials and resins ³	853	1,166	3,884	3,809	3,650	3,732	4,050	3,777	4,301	5,492
Machinery and transport equip.	17,882	45,668	84,828	95,736	87,148	82,578	89,973	94,278	95,290	108,596
Machinery ⁴	11,885	29,215	57,283	64,426	59,821	54,895	61,464	60,573	60,809	70,080
Power generating machinery	1,405	3,551	8,428	9,465	9,461	8,718	9,114	9,272	9,165	10,193
Agricultural machinery	182	704	1,295	1,420	1,127	832	965	854	772	888
Tractors and parts	750	2,126	2,150	2,296	1,760	1,389	1,921	1,832	1,155	1,250
Electronic computers, parts and accessories	1,238	2,228	7,763	8,741	9,159	10,599	13,461	13,841	14,614	17,495
Other office machines ⁵	311	411	946	1,069	1,048	1,070	1,131	1,087	866	1,074
Metalworking machinery	398	922	1,756	2,158	1,811	1,121	1,175	1,249	1,467	1,806
Metalcutting machines	213	344	397	574	345	204	217	246	307	332
Textile, leather machinery	273	486	893	685	554	453	520	498	554	661
Construction, excavating, and mining equipment	434	1,277	1,628	1,823	1,253	768	780	820	713	779
Materials handling equipment	607	1,846	2,243	2,438	1,592	946	911	924	873	864
Air-conditioning and refrigerating equipment	397	928	1,623	1,694	1,487	1,268	1,309	1,199	1,121	1,335
Pumping equipment, incl. parts	241	543	1,091	1,248	1,246	1,003	1,025	1,000	910	984
Pipe valves and parts	196	458	829	936	854	716	673	610	609	711
Power machinery, switchgear	617	1,709	3,254	3,835	3,624	3,221	3,652	3,381	3,498	4,009
Generators, generating sets	117	548	819	745	688	376	590	330	307	339
Transforming, converting, transmission apparatus	158	417	814	1,116	1,325	928	995	937	937	1,014
Telecommunications apparatus	660	1,574	3,454	3,856	3,864	3,804	3,943	4,167	4,407	5,085
Radio, television apparatus	576	1,339	2,238	2,525	2,430	590	588	678	619	668
Domestic electrical equipment	119	359	796	841	873	611	828	550	542	742
Transport equipment ⁶	6,197	16,452	27,386	31,310	28,668	27,298	28,509	33,708	34,026	38,000
Railway vehicles	91	462	452	488	433	402	584	426	538	346
Road motor vehicles, parts ⁶	3,245	9,290	13,117	14,733	12,751	13,492	17,651	19,445	17,695	19,952
Automobiles, nonmilitary, new	822	2,852	3,919	3,919	2,560	4,200	4,868	6,020	6,254	6,894
Trucks and tractor trucks, commercial, new	452	1,712	1,467	1,618	1,188	1,042	1,686	2,183	1,996	2,243
Parts, accessories, commercial	1,603	3,820	6,058	7,385	6,839	7,531	9,069	9,376	8,492	9,657
Aircraft, parts, and accessories	2,658	6,136	12,816	14,738	11,775	12,189	10,914	14,373	15,106	16,904
Civilian aircraft	1,528	3,169	8,256	8,613	4,848	7,531	4,147	6,694	7,366	7,517
Other manufactured goods....	7,636	16,592	38,802	37,381	32,700	30,097	30,839	28,347	30,834	36,545
Tires and tubes	186	544	511	584	372	304	392	343	315	514
Paper and manufactures	622	1,447	2,831	2,961	2,653	2,553	2,620	2,329	2,602	3,180
Paper and paperboard	526	1,131	2,162	2,192	1,877	1,843	1,914	1,722	1,992	2,430
Nonmetallic mineral mfrs., n.e.c.	475	964	2,209	2,194	1,804	1,770	1,865	1,821	1,886	2,289
Metals and manufactures	2,978	5,881	12,071	10,244	8,243	6,954	6,979	6,285	5,200	6,421
Iron and steelmill products ⁷	1,788	2,382	2,998	2,801	2,101	1,415	1,248	1,152	1,020	1,223
Plates and sheets	335	327	836	683	372	295	284	270	291	362
Tubes, pipes, and fittings	226	1,412	1,080	1,252	1,214	721	605	510	391	436
Silver button, refined	31	104	1,327	181	106	189	86	82	57	79
Nonferrous base metals	893	1,080	2,984	2,046	1,768	1,606	1,634	1,798	1,195	1,699
Copper	358	333	434	368	322	386	395	299	682	345
Aluminum	358	433	2,022	1,287	1,026	1,010	990	937	816	1,202
Metal manufactures, n.e.c.	744	1,881	4,205	4,768	3,981	3,443	3,602	3,253	3,008	3,534
Tools for hand or machine	204	480	856	932	810	671	678	686	581	657
Textiles, other than clothing	603	1,624	3,832	3,819	2,784	2,368	2,382	2,366	2,570	2,933
Textile yarn and thread	145	298	753	902	711	533	547	528	573	677
Cotton broad-woven fabrics	103	376	566	349	253	201	193	204	301	292
Textile fabrics, woven, exc., cotton	151	386	832	797	522	430	424	388	468	555
Clothing	198	403	1,183	1,208	931	796	775	754	879	1,143
Professional, scientific, and controlling instruments ⁸	857	1,792	5,256	5,980	6,003	5,858	6,198	6,505	6,732	7,588
Photographic supplies	250	606	1,507	1,501	1,396	1,368	1,464	1,313	1,418	1,472
Printed matter	327	548	1,087	1,297	1,341	1,324	1,391	1,279	1,342	1,582
Other transactions....	1,496	3,821	8,496	8,428	8,924	7,009	10,116	10,970	11,011	20,381
Firearms of war and ammunition	682	1,361	2,006	2,165	3,261	3,082	2,971	2,653	2,282	2,258
Estimated shipments ⁹	692	1,572	2,118	2,368	1,698	1,587	4,353	5,742	5,795	5,683

¹ Includes revisions not carried to commodity groups; therefore, commodity groups will not add to total. ² Beginning 1980, includes pulpwood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." ³ Beginning 1980, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." ⁴ Includes parts for tractors. ⁵ Beginning 1980, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." ⁶ Excludes parts for tractors. ⁷ Excludes pig iron. ⁸ Beginning 1980, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery." ⁹ Beginning 1984, includes exports valued \$10,000 and under reported without a valid schedule B commodity number; beginning 1985, includes estimates of export shipments valued under \$1,000.

Source: U.S. Bureau of the Census, U.S. Exports, Schedule E—Commodity by County, FT 410, monthly.

General Imports

795

NO. 1377. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1987

[In millions of dollars. Imports are customs value basis for years 1982 to present; f.a.s. (free alongside ship) value basis prior to 1982. Totals and subtotals include value of commodities not shown separately. Beginning 1980, includes trade of Virgin Islands with foreign countries. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-316.]

COMMODITY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
General imports	39,952	96,573	244,871	261,305	243,852	258,048	325,726	345,278	369,961	405,901
<i>C.I.F. values¹</i>	<i>42,429</i>	<i>103,389</i>	<i>266,984</i>	<i>273,352</i>	<i>254,884</i>	<i>269,873</i>	<i>341,177</i>	<i>361,626</i>	<i>387,081</i>	<i>424,082</i>
Food and live animals	5,375	8,503	15,766	15,298	14,453	15,412	17,973	18,849	20,802	20,547
Cattle, except for breeding	111	77	228	182	289	301	279	301	426	421
Meat and preparations	1,014	1,141	2,346	1,998	2,075	2,034	2,237	2,287	2,786	
Meat, fresh or frozen	647	640	1,768	1,150	1,525	1,384	1,381	1,533	1,655	1,987
Ham, shoulders, and bacon ²	241	397	336	325	349	399	438	482	400	
Fish, including shellfish	794	1,356	2,612	2,982	3,143	3,594	3,671	3,985	4,691	5,590
Fruits and nuts	447	527	1,245	1,604	1,774	1,855	2,673	2,717	2,781	3,088
Bananas	188	220	416	542	581	569	627	723	709	773
Vegetables	289	355	802	983	1,042	1,085	1,218	1,261	1,420	1,378
Sugar	725	1,865	1,987	2,142	863	1,046	1,258	936	670	438
Coffee, green	1,160	1,581	3,872	2,622	2,730	2,590	3,064	3,130	4,293	2,708
Cocoa or cacao beans	201	321	395	466	323	349	411	564	418	504
Tea	53	88	131	193	129	132	203	166	193	106
Beverages and tobacco	855	1,419	2,784	3,138	3,864	3,408	3,653	3,727	3,866	4,105
Alcoholic beverages	725	1,033	2,232	2,398	2,513	2,828	2,853	2,986	3,066	3,268
Tobacco, unmanufactured	111	343	422	427	445	464	625	535	591	588
Crude materials, inedible,										
except fuels	3,307	5,586	10,516	11,193	8,589	9,590	11,082	10,391	10,432	11,526
Hides and skins, except fur skins	51	78	88	101	71	64	70	74	65	82
Fur skins, undressed	59	79	143	188	127	126	160	173	145	218
Rubber, including latex	231	353	980	980	735	909	1,132	654	921	1,125
Lumber, softwood	439	797	1,984	1,880	1,636	2,590	2,687	2,908	2,984	3,086
Lumber, hardwood	61	69	145	149	98	127	161	188	153	250
Woodpulp	480	1,032	1,725	1,778	1,485	1,470	1,845	1,499	1,604	2,069
Textile fibers and wastes	202	174	242	343	284	312	387	348	358	438
Wool and other animal hair	116	73	146	210	152	176	211	166	186	251
Industrial diamonds	39	42	119	118	80	96	106	136	105	83
Asbestos, unmanufactured	75	117	97	108	65	58	65	44	27	23
Ores and metal scrap	1,149	1,978	3,715	3,838	2,684	2,498	2,890	2,331	2,148	2,446
Iron ore and concentrates	480	864	773	951	497	452	534	468	489	411
Silver ore and base bullion	49	98	342	250	176	242	202	137	130	145
Nonferrous base metals ³	522	783	2,291	1,722	1,552	1,306	1,806	1,290	1,020	1,167
Bauxite, crude	165	267	432	443	383	250	311	210	189	234
Mineral fuels and related materials	3,075	26,476	82,924	81,417	65,409	57,952	60,988	53,917	37,310	44,219
Petroleum and products	2,764	24,814	77,637	75,577	59,396	52,325	55,906	49,607	34,140	41,529
Petroleum, crude and partly refined	1,448	19,293	65,717	61,940	45,882	36,809	36,529	33,034	22,720	28,321
Petroleum products	1,316	5,521	11,920	13,637	13,535	15,518	19,377	16,572	11,101	12,208
Natural gas	258	1,081	5,155	5,720	5,834	5,530	4,823	4,136	2,994	2,604
Animal and vegetable oils and fats	180	554	533	478	406	495	696	672	516	568
Chemicals and related products	1,450	3,696	8,593	9,446	9,493	10,779	13,697	14,533	15,001	16,213
Organic chemicals	355	1,027	2,541	2,974	2,980	3,477	4,265	4,576	4,704	5,408
Inorganic chemicals ⁴	371	835	2,313	2,359	2,645	2,568	3,458	3,401	3,276	3,042
Medicinal and pharmaceutical products	87	235	509	583	563	703	931	1,084	1,240	1,456
Fertilizers, manufactured	192	626	1,104	1,181	983	997	1,142	967	865	1,001
Machinery and transport equipment	11,172	23,457	60,558	69,627	73,320	86,131	119,192	137,264	161,562	177,009
Machinery	5,975	11,970	32,286	38,546	39,457	46,975	68,390	75,299	87,549	99,493
Engines and parts	782	1,615	1,866	2,251	2,611	3,570	6,348	8,849	8,482	9,391
Agricultural machinery	173	474	686	639	485	475	588	577	613	750
Tractors and parts	175	571	1,049	948	757	924	1,298	811	1,331	1,467
Office machines and data processing equipment	505	1,052	2,929	3,563	4,299	6,759	10,791	11,562	14,669	18,462
Metalworking machinery	164	361	1,425	1,613	1,468	1,480	2,025	2,758	3,249	2,976
Textile and leather machinery	361	518	889	974	924	1,059	1,282	1,105	1,447	1,811
Power machinery	247	550	2,039	2,378	2,547	2,974	7,281	8,849	9,802	10,860
Telecommunications apparatus	1,102	2,077	6,716	8,910	9,051	11,278	15,934	15,659	20,720	20,820
Electron tubes, transistors, semiconductor devices, and parts	224	899	3,592	3,959	4,524	5,388	8,228	8,227	6,540	8,218
Transport equipment	5,798	11,467	28,280	31,415	33,863	39,156	50,802	61,965	74,013	78,376
Automobiles and parts	5,068	9,921	24,015	26,113	29,218	34,870	45,284	45,476	58,201	70,680
Automobiles, new	3,722	7,124	16,776	17,540	19,757	22,934	29,208	36,475	45,302	47,858
Motorcycles	307	707	1,149	1,263	1,019	859	731	954	736	437
Aircraft and parts	274	519	1,885	2,585	2,481	2,051	3,011	3,578	4,494	4,475
Other manufactured goods	13,285	23,927	56,970	63,471	61,209	66,539	88,626	94,982	106,559	118,539
Leather manufactures and dressed furs	118	132	393	587	523	582	758	406	808	1,031
Rubber tires and tubes	205	475	1,143	1,331	1,239	1,408	1,839	1,923	1,986	2,271
Wood manufactures (excl. furniture)	409	573	1,133	1,199	991	1,335	1,546	780	1,777	2,103
Paper and manufactures	1,087	1,673	3,587	3,874	3,848	4,216	5,571	5,077	6,360	7,310
Newsprint	930	1,427	2,685	2,871	2,748	2,759	3,299	3,633	3,692	4,116
Construction materials ⁴	106	186	550	565	507	628	940	1,158	1,356	1,503
Glass, glassware, and pottery	338	531	1,228	1,349	1,351	1,602	1,488	2,195	2,492	2,671
Diamonds, excluding industrial	433	790	2,252	2,198	1,917	2,275	2,905	3,006	3,459	3,423

See footnotes at end of table.

Foreign Commerce and Aid

No. 1377. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1970 TO 1987—Continued

[In millions of dollars. See headnote, p. 795]

COMMODITY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Other manufactured goods—Con.										
Metals and manufactures.....	4,508	8,944	18,717	22,333	19,227	18,717	24,964	23,834	23,616	25,144
Pig iron and ferroalloys.....	78	558	678	862	428	453	664	468	621	628
Iron and steelmill products.....	1,952	4,037	6,692	10,347	9,184	6,338	10,208	10,266	8,188	8,493
Bars, rods, shapes, and pilings.....	486	930	1,420	1,747	1,469	1,307	1,865	1,775	1,603	1,726
Plates and sheets.....	906	1,680	2,505	2,998	2,542	2,993	4,566	4,237	3,838	4,084
Steel wire.....	119	225	293	288	242	287	228	438	209	237
Tubes, pipes, and fittings.....	349	1,008	2,193	4,836	4,466	1,368	2,633	2,445	1,592	1,502
Nonferrous base metals.....	1,502	2,063	5,182	5,270	4,018	4,785	6,252	7,008	5,753	6,377
Copper.....	532	419	1,470	1,279	988	1,341	1,512	1,146	1,377	1,551
Nickel.....	317	458	885	588	588	524	600	604	515	573
Aluminum.....	238	415	974	1,355	1,338	1,623	2,450	1,995	2,744	2,860
Lead.....	74	49	91	90	57	65	90	57	61	137
Tin.....	190	315	776	844	378	453	513	426	243	270
Silver, refined bullion.....	53	274	1,329	837	766	1,926	848	889	888	460
Platinum group metals.....	98	244	1,107	742	512	707	1,062	982	1,251	1,148
Metal manufactures, n.e.c.....	825	1,789	3,732	4,170	4,294	4,504	5,923	6,580	7,129	8,035
Textiles, other than clothing.....	1,135	1,219	2,499	3,046	2,807	3,225	4,531	4,900	5,768	6,511
Textile yarn and thread.....	223	128	194	231	280	355	523	584	689	735
Cotton fabrics, woven.....	173	219	433	607	489	560	678	837	1,006	1,293
Textile fabrics, woven, exc. cotton ⁵	499	433	408	572	533	586	702	100	949	889
Twine and cordage.....	35	123	114	104	82	87	85	79	66	72
Floor coverings.....	53	88	283	306	277	332	491	549	608	683
Clothing.....	1,269	2,582	6,430	7,507	8,165	9,583	13,497	14,949	17,288	20,490
Footwear.....	629	1,275	2,809	3,019	3,437	4,010	5,034	5,685	6,473	7,236
Professional, scientific, photographic, and controlling instruments⁶.....	356	726	2,654	3,701	3,132	3,528	4,696	3,211	1,598	4,509
Clocks and watches.....	184	426	1,127	1,275	991	1,058	1,254	1,367	1,536	1,702
Musical instruments, sound recorders and reproducers, and parts⁷.....	505	781	487	621	729	927	1,288	1,784	2,396	2,527
Printed matter.....	160	284	613	622	664	739	980	1,116	1,376	1,494
Articles of plastic and rubber, n.e.c.....	236	429	916	1,008	1,102	1,352	1,861	1,631	2,933	3,494
Toys, games, and sporting goods.....	427	633	1,838	2,075	2,698	2,412	3,189	4,075	4,520	5,772
Artworks and antiques.....	162	677	2,672	2,058	2,024	2,017	2,467	2,188	2,091	1,952
Other transactions.....	1,274	2,518	7,225	7,286	7,708	7,742	9,828	11,141	14,914	12,374

¹ Value on a cost, insurance, and freight basis; cost (to the U.S. Importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 is estimated. ² Canned, cooked, and boned. ³ Prior to 1980, alumina is included under chemicals; thereafter, classified in crude materials. ⁴ Materials of lime, cement, and clay. ⁵ Excludes narrow or special fabrics. ⁶ Beginning 1980, electric measuring and controlling instruments are included in "Other manufactured goods" or special fabrics. ⁷ Beginning 1980, sound recorders are included in "Machinery."

⁷ Beginning 1980, sound recorders included in "Machinery." Source: U.S. Bureau of the Census, *U.S. General Imports and Imports for Consumption, Schedule A—Commodity by Country*, FT 135, monthly.

No. 1378. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1960 TO 1987

[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, section 29. See also *Historical Statistics, Colonial Times to 1970*, series U 207-212.]

YEAR	VALUES				Duties calculated ¹ (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita ² (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total Imports (percent)	Dutiable Imports (percent)	
1960.....	14,650	5,780	8,870	39	1,084	7	12	6.00
1965.....	21,283	7,434	13,849	35	1,643	8	12	8.46
1970.....	39,766	13,870	25,886	35	2,584	8	10	12.60
1971.....	45,516	15,286	30,230	34	2,767	8	9	13.32
1972.....	55,290	16,915	36,375	34	3,124	8	9	14.88
1973.....	69,024	28,258	40,766	41	3,620	5	8	17.08
1974.....	100,140	52,052	48,088	52	3,771	4	8	17.63
1975.....	98,516	31,030	65,486	32	3,780	4	6	17.50
1976.....	121,121	37,190	83,831	31	4,675	4	6	21.44
1977.....	147,075	43,638	103,442	30	5,485	4	5	24.91
1978.....	172,912	51,827	121,125	30	7,162	4	6	32.17
1979.....	205,850	103,278	102,845	50	7,202	3	7	31.99
1980.....	244,007	106,992	132,951	45	7,535	3	6	33.09
1981.....	259,012	76,938	182,674	29	8,893	3	5	38.67
1982.....	242,340	75,856	166,484	31	8,688	4	5	37.40
1983.....	256,679	83,397	173,283	32	9,430	4	5	40.21
1984.....	322,989	102,977	220,012	32	12,042	4	5	50.90
1985.....	343,553	106,035	237,518	31	13,067	4	6	54.73
1986.....	368,657	121,742	246,915	33	13,312	4	5	55.10
1987.....	402,066	132,152	289,914	33	13,923	3	5	57.08

¹ Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. ² Based on estimated population including Armed Forces abroad as of July 1. ³ Total includes revisions not carried to free and dutiable values.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

No. 1379. DOMESTIC EXPORTS AND IMPORTS FOR CONSUMPTION OF MERCHANDISE, BY SELECTED SIC-BASED PRODUCT CATEGORY: 1977 TO 1987

(In millions of dollars. Includes nonmonetary gold; beginning 1980, includes trade of U.S. Virgin Islands with foreign countries. For 1977-1981, imports are free alongside ship (f.a.s.) value at foreign port exportation; thereafter, customs value basis. Beginning 1980, export data are not strictly comparable to previous years due to changes in the Schedule B export classification)

SIC ¹ code	SIC-BASED PRODUCT CATEGORY	1977	1980	1981	1982	1983	1984	1985	1986	1987
(x)	Domestic exports, total²	117,963	216,592	228,961	207,158	195,969	212,057	206,925	206,378	243,859
(x)	Agricultural, forestry and fishery products	16,756	30,091	31,463	26,486	25,672	27,557	20,073	15,967	17,717
01	Agricultural products	16,217	29,238	30,527	25,626	25,150	26,770	19,199	15,088	16,878
02	Livestock and livestock products	435	715	792	713	689	646	735	740	855
08	Forestry products	79	110	109	111	99	115	122	120	155
09	Fish, fresh or chilled; and other marine products ⁴	24	28	35	36	34	26	18	20	30
(x)	Mineral commodities	4,208	8,328	9,144	8,620	6,176	6,417	6,394	5,599	5,058
10	Metallic ores and concentrates	460	1,320	962	684	498	644	688	590	597
11	Anthracite coal	27	98	103	53	43	42	65	66	57
12	Bituminous coal and lignite ³	2,628	4,529	5,813	5,938	4,013	4,091	4,400	3,864	3,911
13	Crude petroleum and natural gas	310	976	912	762	492	448	476	306	271
14	Nonmetallic minerals, fuels	783	1,415	1,354	1,183	1,129	1,193	767	774	822
(x)	Manufactured commodities	94,870	171,355	184,225	168,376	159,608	173,284	175,750	178,401	208,438
20	Food and kindred products	7,270	12,124	12,933	11,079	11,022	11,067	10,055	11,250	12,320
21	Tobacco manufactures	637	1,091	1,265	1,298	1,186	1,192	1,268	1,522	2,310
22	Textile mill products	1,407	2,488	2,326	1,766	1,559	1,541	1,462	1,653	1,891
23	Apparel and related products	921	1,620	1,851	1,271	1,114	1,065	1,019	1,213	1,518
24	Lumber and related products	2,153	3,695	3,049	2,863	2,852	2,699	2,668	3,018	3,961
25	Furniture and fixtures	231	476	634	593	522	546	483	466	550
26	Paper and allied products	2,452	4,670	4,755	4,210	4,103	4,322	3,886	4,479	5,676
27	Printing and publishing	682	1,115	1,315	1,358	1,323	1,378	1,250	1,298	1,525
28	Chemicals and allied products	10,654	21,095	21,659	20,021	19,688	22,249	21,797	22,562	26,090
29	Petroleum and coal products	1,328	2,849	3,986	6,402	5,325	5,113	5,433	4,228	4,479
30	Rubber and misc. plastics products	1,548	2,675	2,970	2,631	2,634	2,936	2,765	2,941	3,710
31	Leather and leather products	264	510	519	498	457	526	478	521	688
32	Stone, clay, and glass products	1,159	1,922	2,102	1,860	1,779	1,904	1,782	1,723	2,045
33	Primary metal products	2,912	11,491	8,780	5,463	4,892	5,360	4,747	4,803	5,806
34	Fabricated metal products	4,527	6,927	7,947	7,892	6,732	6,530	5,765	5,542	6,185
35	Machinery, except electrical	21,448	38,084	42,924	38,920	33,190	37,268	37,478	36,358	41,054
36	Electric and electronic equipment	8,820	16,354	18,392	18,144	18,029	20,184	18,908	20,415	24,359
37	Transportation equipment	18,888	29,206	33,188	29,702	30,864	32,173	38,024	37,977	42,371
38	Instruments and related products	4,513	7,690	8,426	8,071	8,271	8,684	8,623	9,237	10,191
39	Misc. manufacturing	1,569	2,888	2,728	2,208	2,165	1,895	1,773	2,080	2,719
(x)	Imports for consumption, total²	146,047	239,588	259,319	242,340	256,680	322,989	343,553	388,657	402,066
(x)	Agricultural, forestry and fishery products	9,235	10,536	10,216	9,982	10,743	12,301	12,805	14,753	14,401
01	Agricultural products	6,182	6,531	5,982	5,733	5,857	6,936	7,483	8,792	7,444
02	Livestock and livestock products	482	684	686	749	820	977	933	983	999
08	Forestry products	763	984	968	708	782	978	830	786	933
09	Fish, fresh or chilled; and other marine products ⁴	1,809	2,337	2,620	2,795	3,285	3,411	3,559	4,183	5,026
(x)	Mineral commodities	38,920	70,717	70,015	53,705	43,573	43,500	39,011	27,780	33,615
10	Metallic ores and concentrates	1,848	2,312	2,297	1,946	1,321	1,636	1,265	1,318	1,130
12	Bituminous coal and lignite ³	43	30	30	23	43	44	70	80	56
13	Crude petroleum and natural gas	35,375	65,857	65,581	50,115	40,670	39,852	35,872	24,463	30,843
14	Nonmetallic minerals, exc. fuels	1,653	2,517	2,108	1,621	1,539	1,859	1,804	1,919	1,586
(x)	Manufactured commodities	94,187	150,843	171,355	170,406	194,405	257,643	280,089	314,139	341,142
20	Food and kindred products	6,842	10,381	10,693	9,581	10,334	12,010	12,521	12,521	13,180
21	Tobacco manufactures	46	93	200	227	404	88	78	82	91
22	Textile mill products	1,490	2,023	2,466	2,201	2,524	3,469	3,616	4,136	4,697
23	Apparel and related products	4,393	6,543	7,750	8,432	9,898	13,916	15,710	16,171	21,503
24	Lumber and related products	3,323	3,648	3,643	3,059	4,426	4,838	5,109	5,374	5,959
25	Furniture and fixtures	642	1,083	1,228	1,364	1,795	2,458	3,220	3,997	4,575
26	Paper and allied products	3,588	5,322	5,659	5,343	5,681	7,431	7,493	7,983	9,461
27	Printing and publishing	366	628	639	672	795	1,070	1,200	1,488	1,583
28	Chemicals and allied products	4,412	7,003	7,871	7,655	9,368	11,997	12,790	13,281	14,400
29	Petroleum and coal products	8,758	13,420	15,820	15,643	17,395	21,202	18,282	12,836	13,123
30	Rubber and misc. plastics products	2,188	2,743	3,112	2,937	3,405	4,365	4,721	5,381	6,331
31	Leather and leather products	1,881	3,379	3,873	4,496	5,296	6,788	7,724	8,648	9,930
32	Stone, clay, and glass products	1,386	2,282	2,483	2,398	2,862	3,791	4,296	4,910	5,580
33	Primary metal products	10,067	18,027	20,478	16,813	16,359	22,117	20,439	22,580	19,254
34	Fabricated metal products	2,722	4,396	5,028	5,154	5,273	6,804	7,754	8,476	9,582
35	Machinery, except electrical	7,143	14,222	16,281	16,163	18,440	27,621	31,310	38,234	44,808
36	Electric and electronic equipment	9,578	15,451	18,833	20,124	24,626	35,326	37,951	42,734	46,568
37	Transportation equipment	19,232	29,885	33,063	35,683	41,627	54,297	65,944	79,887	84,347
38	Instruments and related products	2,772	4,692	5,638	5,380	6,023	7,729	8,805	10,646	11,547
39	Misc. manufacturing	3,358	5,430	6,596	7,110	7,393	9,714	11,130	12,776	14,666

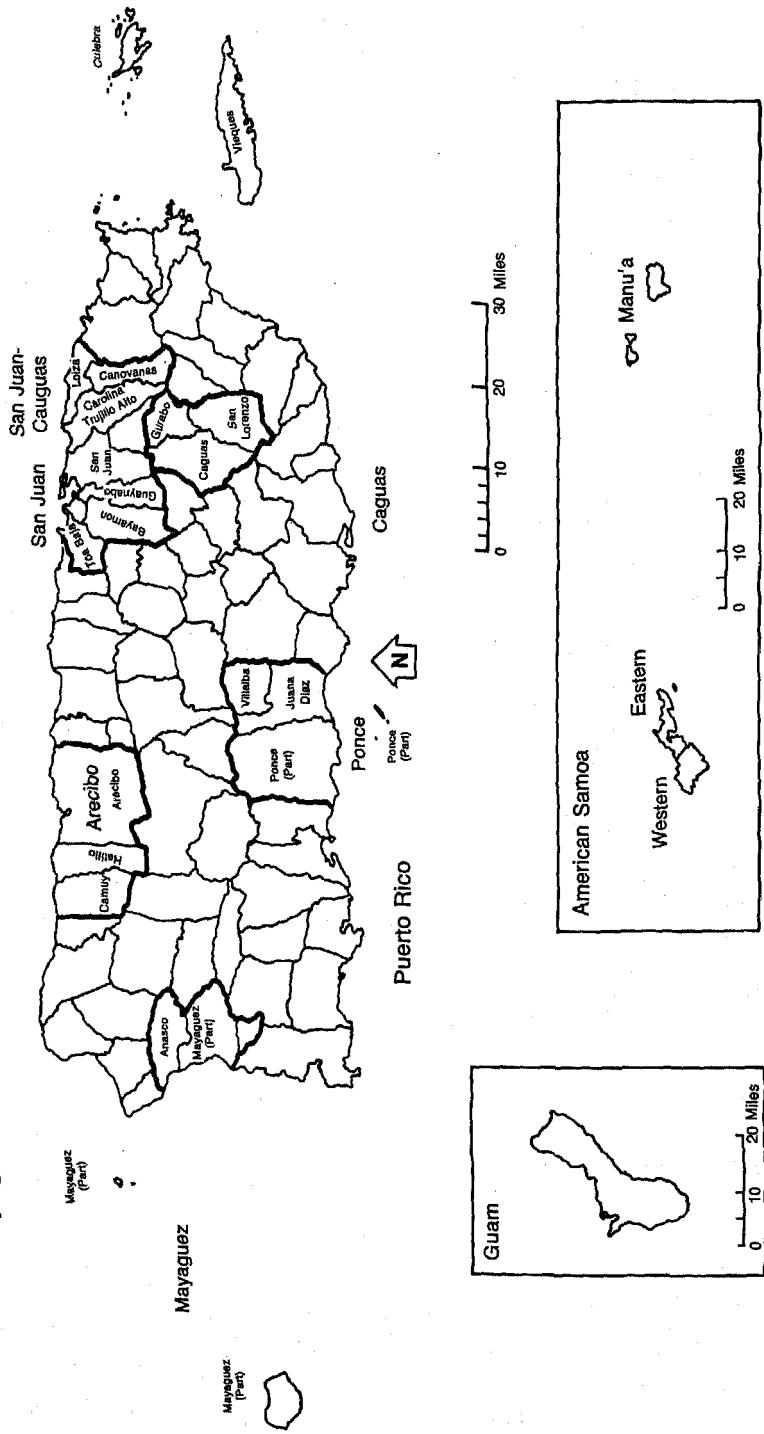
X Not applicable. ¹ Standard Industrial Classification. ² Includes scrap and waste, used or secondhand merchandise, and manufactured commodities not identified by kind. ³ Includes anthracite.

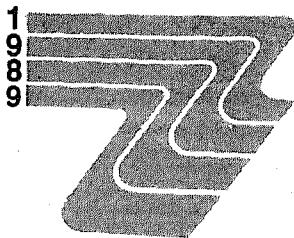
⁴ Includes frozen and packaged fish.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990.

Outlying Areas

Figure 30.1
Selected U.S. Outlying Areas Map.





Section 30

Outlying Areas

This section presents summary economic and social statistics for Puerto Rico, Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States*, issued by the National Center for Health Statistics; and the annual *Income and Product* of the Puerto Rico Planning Board, San Juan.

Jurisdiction.—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam*, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. *Puerto Rico* became a Commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands*, comprising 50 islands and cays, was purchased by the United States from Denmark in 1917. *American Samoa*, a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in 1900 (*Swains Island* was annexed in 1925).

By an agreement approved by the Security Council and the United States the *Northern Mariana Islands*, previously under Japanese mandate, was administered by the United States between 1947 and 1986 under the United Nations trusteeship system. The *Northern Mariana Islands* became a Commonwealth in 1986.

For a brief summary of U.S. territorial development, see table 332.

Censuses.—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the *Northern Mariana Islands* (their census was conducted in April 1958 by the Office of the High Commissioner), while the 1960 Census of Housing also excluded *American Samoa*. The 1970 and 1980 Censuses of Population and Housing covered all five areas. The 1959, 1969, and 1978 Censuses of Agriculture covered *Puerto Rico*, *American Samoa*, *Guam*, and the *Virgin Islands*; the 1964, 1974, and 1982 censuses covered the same areas except *American Samoa*; and the 1978 census included the *Northern Mariana Islands*. Beginning in 1967, Congress authorized the economic censuses, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in *Puerto Rico* for 1954, 1958, and 1963, and in *Guam* and the *Virgin Islands* for 1958 and 1963. In 1967, the census of construction industries was added for the first time in *Puerto Rico*; in 1972 *Virgin Islands* and *Guam* were covered. Beginning in 1982, the economic censuses covered the *Northern Mariana Islands*.

Information in other sections.—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*. See "Outlying areas of the United States" in the index. For definition and explanation of terms used, see section 1, Population; section 4, Education; section 23, Agriculture; section 26, Construction and Housing; section 27, Manufactures; and section 28, Domestic Trade and Services.

NO. 1380. ESTIMATED RESIDENT POPULATION, BY AREA: 1950 TO 1987

[In thousands. As of July 1. Includes estimates of Armed Forces stationed in area]

AREA	1950	1960	1970	1975	1980	1985	1986	1987
Puerto Rico	2,218	2,362	2,716	2,933	3,206	3,282	3,273	3,292
American Samoa.....	19	20	27	30	32	36	37	38
Guam	60	66	86	102	107	124	127	130
Virgin Islands.....	27	32	63	64	98	111	110	106
Northern Mariana Islands ¹	(NA)	(NA)	12	15	17	19	20	20

NA Not available. ¹ Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, 943, and 1,030.

Outlying Areas

NO. 1381. ESTIMATES OF COMPONENTS OF POPULATION CHANGE, BY AREA: 1970 TO 1980 AND 1980 TO 1987

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See table 1382 for population totals. Minus sign (—) indicates decrease. For explanation of methodology, see source]

AREA	APRIL 1, 1970 TO APRIL 1, 1980					APRIL 1, 1980 TO JULY 1, 1987				
	Net change		Births	Deaths	Net migration ¹	Net change		Births	Deaths	Net migration ¹
	Number	Percent				Number	Percent			
Puerto Rico.....	484.5	17.9	744.0	193.7	-65.9	95.0	3.0	482.0	180.0	-227.0
American Samoa.....	5.1	18.9	10.6	1.4	-4.1	6.1	9.6	8.6	1.1	-2.4
Guam.....	21.0	24.7	30.7	4.1	-5.7	24.4	23.1	22.5	3.2	5.2
Virgin Islands.....	34.1	54.6	26.8	5.0	12.5	9.5	9.8	17.7	3.8	-4.4
Northern Mariana Islands ²	4.6	37.5	5.3	.9	(?)	3.5	21.1	4.9	.8	(?)

¹ Includes error of closure (the amount necessary to make the components of change add to the net change between censuses). ² See footnote 1, table 1380. ³ Migration is derived as a residual. Because part of the residual migration in these areas reflects under-registration of vital statistics, migration figures are not shown.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 943 and 1030.

NO. 1382. POPULATION AND MEDIAN AGE, BY AREA AND SEX: 1960 TO 1980

[As of April 1. For definition of median, see Guide to Tabular Presentation]

AREA AND SEX	POPULATION (1,000)			MEDIAN AGE (years)			AREA AND SEX	POPULATION (1,000)			MEDIAN AGE (years)		
	1960	1970	1980	1960	1970	1980		1960	1970	1980	1960	1970	1980
Puerto Rico.....	2,349.5	2,712.0	3,196.5	18.5	21.6	24.6	Guam.....	67.0	85.0	106.0	20.8	20.4	22.3
Male.....	1,182.8	1,329.8	1,556.7	18.0	20.9	23.7	Male.....	39.2	47.3	55.3	22.8	21.6	22.4
Female.....	1,186.8	1,382.2	1,639.8	18.9	22.2	25.5	Female.....	27.8	37.7	50.7	18.5	18.2	22.1
American Samoa.....	20.1	27.2	32.3	15.2	16.1	18.8	Virgin Islands.....	32.1	62.5	96.6	20.7	23.0	22.5
Male.....	10.2	13.7	16.4	14.6	16.1	18.4	Male	15.9	31.3	46.2	20.3	23.1	21.1
Female.....	9.9	13.8	15.9	15.8	16.1	18.2	Female.....	18.2	31.3	50.4	21.2	23.0	23.6
No. Mariana Is.....							No. Mariana Is.....	(NA)	9.6	16.8	(NA)	15.2	19.7
Male							Male	(NA)	4.9	8.8	(NA)	15.4	20.9
Female							Female	(NA)	4.7	8.0	(NA)	15.0	18.5

NA Not available.

Source: U.S. Bureau of the Census, *Census of Population: 1960*, vol. I; *1970, Vol. I, Characteristics of the Population*, parts 53-58; and *1980, Vol. 1, Chapter B, Characteristics of the Population*, parts 53-57a.

NO. 1383. POPULATION, BY PLACE OF BIRTH AND YEAR OF IMMIGRATION—AREA: 1980

[As of April 1]

ITEM	Guam	Virgin Islands	American Samoa	Northern Mariana Islands
Total resident population ¹	105,979	96,569	32,297	16,780
Born in this area.....	52,113	43,234	18,586	11,993
Percent of total.....	49.2	44.8	57.5	71.5
Born in the United States.....	22,950	11,964	2,189	553
Born in other outlying areas.....	3,552	4,993	24	2,074
Born in Asia.....	22,648	549	268	1,915
Born outside this area.....	50,595	230,731	13,442	4,623
Immigrated:				
1975-1980.....	32,159	7,080	7,168	2,916
1970-1974.....	8,792	7,054	2,715	1,027
1980-1989.....	6,342	13,566	2,405	398
Before 1960.....	3,312	3,031	1,154	282

¹ Includes persons born elsewhere and place of birth not reported. ² Excludes 4,993 persons born in Puerto Rico; 11,964 born in the United States; and 282 born abroad of American parents.

Source: U.S. Bureau of the Census, *1980 Census of Population, Vol. 1, Chapters C and D*, parts 54-57a.

NO. 1384. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1980

[As of April 1. See also table 332, for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	Guam	Virgin Islands	American Samoa	Northern Mariana Islands
Land area (sq. miles).....	3,459	209	132	77	184
Total resident population.....	3,198,520	105,979	96,569	32,297	16,780
Per square mile.....	924.1	507.1	731.6	419.4	81.2
Percent Increase, 1970-1980.....	17.9	24.7	84.8	18.9	74.1
Urban.....	2,134,365	41,875	37,730	5,860	2,678
Rural.....	1,062,165	84,104	58,839	26,637	14,102
Male.....	1,556,727	55,321	46,204	16,384	8,817
Female.....	1,639,793	50,658	50,365	15,913	7,983
Males per 100 females.....	94.9	109.2	91.7	103.0	110.7
Median age (years).....	24.8	22.3	22.5	18.8	19.7
Male (years).....	23.7	22.4	21.1	18.4	20.9
Female (years).....	26.5	22.1	23.6	19.2	18.5
Persons 25 years old and over.....	1,577,682	46,806	44,986	12,184	6,760
School years completed:					
Elementary: 0-8 years.....	753,742	9,973	15,997	4,360	2,888
High school:					
1-3 years.....	200,269	6,157	6,475	2,697	851
4 years or more.....	332,770	14,653	11,543	3,108	1,543
College.....	290,901	16,123	10,971	2,019	1,480
Marital status, persons 15 years old and over.....	2,187,246	69,007	61,791	19,090	9,975
Single.....	613,024	20,675	22,376	7,406	3,462
Married 1.....	1,320,193	44,041	32,204	10,571	5,977
Widowed or divorced.....	254,029	4,291	7,211	1,113	536
Households and families:					
Population in households.....	3,176,511	101,000	95,949	31,983	16,234
Number of households.....	636,565	24,834	28,329	4,513	3,028
Population per household.....	4.99	4.07	3.99	7.08	5.36
Families.....	753,936	21,780	20,855	4,287	2,652
Husband-wife families.....	580,328	18,473	19,612	3,475	2,113

¹ Includes consensually married couples and separated couples.

Source: U.S. Bureau of the Census, 1980 Census of Population, vol. 1, Chapters C and D, pts. 53-57a and unpublished data.

NO. 1385. VITAL STATISTICS—SPECIFIED AREAS: 1960 TO 1986

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1960, 1970, and 1980 based on population enumerated as of April 1; for all other years, on population estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES ³	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ²	Number	Rate ¹	Number	Rate ¹
Puerto Rico:										
1960.....	76,914	32.5	15,791	6.7	3,307	43.3	20,212	4.8	5,218	2.2
1970.....	67,828	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,688	3.6
1975.....	69,702	23.8	17,805	6.1	1,335	19.2	32,731	11.2	12,985	4.4
1980.....	72,986	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4.8
1981.....	71,300	21.9	21,085	6.5	1,318	18.5	31,892	9.8	14,247	4.4
1982.....	69,256	21.2	21,427	6.6	1,187	17.1	30,799	9.4	14,084	4.3
1983.....	65,859	20.1	21,377	6.5	1,311	17.2	29,487	8.0	13,164	4.0
1984.....	63,247	19.3	21,818	6.6	987	15.6	29,499	9.0	13,698	4.2
1985.....	63,647	19.4	23,071	7.0	944	14.9	30,355	9.2	14,686	4.5
1986.....	63,479	19.4	23,182	7.1	869	13.7	(NA)	(NA)	(NA)	(NA)
Guam:										
1965.....	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970.....	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1975.....	3,156	30.9	427	4.2	65	20.6	1,881	18.2	196	1.9
1980.....	2,945	27.8	393	3.7	43	14.6	(NA)	(NA)	(NA)	(NA)
1981.....	2,949	26.8	385	3.5	30	10.2	(NA)	(NA)	(NA)	(NA)
1982.....	2,954	26.7	428	3.9	29	9.8	(NA)	(NA)	(NA)	(NA)
1983.....	3,152	27.1	442	3.8	29	9.2	(NA)	(NA)	(NA)	(NA)
1984.....	2,994	25.0	409	3.4	26	8.7	(NA)	(NA)	(NA)	(NA)
1985.....	3,049	24.6	415	3.4	35	11.5	(NA)	(NA)	(NA)	(NA)
1986.....	3,276	25.8	429	3.4	29	8.9	(NA)	(NA)	(NA)	(NA)
Virgin Islands:										
1960.....	1,180	36.8	332	10.3	42	36.6	359	11.1	135	4.2
1970.....	2,898	46.8	468	7.9	72	24.6	1,149	18.4	270	4.3
1975.....	2,372	25.1	477	5.0	82	26.1	1,064	11.3	353	3.7
1980.....	2,504	25.9	504	5.2	81	24.4	1,112	11.5	478	4.9
1981.....	2,442	24.6	547	5.5	55	22.5	1,092	11.0	408	4.1
1982.....	2,509	24.7	498	4.9	49	19.5	1,311	12.9	335	3.3
1983.....	2,584	24.9	484	4.7	54	20.9	1,341	12.9	313	3.0
1984.....	2,432	22.6	471	4.4	55	22.6	1,407	13.1	362	3.3
1985.....	2,375	21.4	506	4.6	42	17.7	1,448	13.1	363	3.3
1986.....	2,257	20.6	476	4.3	28	12.4	(NA)	(NA)	(NA)	(NA)

NA Not available. ¹ Per 1,000 population. ² Per 1,000 live births. ³ Includes reported annulments.

4 Data are incomplete.

Source: U.S. National Center for Health Statistics, Vital Statistics of the United States, annual.

Outlying Areas

No. 1386. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1980, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1979, BY AREA

ITEM	Puerto Rico ¹	Guam	Virgin Islands	American Samoa	Northern Mariana Islands
SCHOOL ENROLLMENT, 1980					
Total enrolled, 3 years old and over.....	971,592	36,002	34,934	12,842	5,479
Elementary (grades 1-8), total ²	616,438	23,303	25,642	8,695	4,102
Public.....	542,955	20,061	20,576	7,452	3,575
Private.....	73,463	3,242	5,066	1,243	526
High school (4 years), total.....	220,477	8,562	7,275	3,224	1,281
Public.....	200,118	7,580	5,886	2,759	1,149
Private.....	20,359	982	1,419	465	132
College, total.....	134,677	4,137	2,017	823	96
Public.....	103,650	3,888	1,897	831	80
EMPLOYMENT STATUS, 1980					
Total persons, 16 years old and over.....	2,114,673	66,773	59,310	18,319	9,599
In labor force.....	869,856	44,484	38,082	8,929	6,102
Percent of total.....	41.1	66.6	64.2	45.5	63.6
Armed Forces.....	4,137	10,125	84	21	13
Civilian labor force.....	865,719	34,859	37,998	8,308	6,088
Employed.....	733,922	32,692	35,652	8,106	5,941
Unemployed.....	131,787	1,667	2,346	202	148
Percent of civilian labor force.....	15.2	4.8	6.2	2.4	2.4
Not in labor force.....	1,244,817	22,289	21,228	9,990	3,497
FAMILY INCOME, 1979					
Families, 1980.....	757,845	21,780	20,855	4,287	2,652
Percent distribution, by income class.....					
Less than \$1,000.....	100.0	100.0	100.0	100.0	100.0
\$1,000-\$2,499.....	11.3	2.1	3.2	6.1	4.4
\$2,500-\$4,999.....	12.4	1.7	3.4	4.3	5.8
\$5,000-\$7,499.....	19.7	3.7	7.8	14.2	17.8
\$7,500-\$9,999.....	17.5	6.6	14.3	16.8	16.1
\$10,000-\$14,999.....	10.8	9.8	12.4	12.9	13.7
\$15,000-\$24,999.....	13.3	21.1	19.8	18.4	16.9
\$25,000 or more.....	10.3	28.4	22.3	16.7	14.7
Median Income ³ (dot).....	5,923	16,203	11,914	8,615	* 8,809

¹ Data based on sample and subject to sampling variability, see Appendix III.² Includes nursery and kindergarten.³ For definition of median, see Guide to Tabular Presentation. ⁴ Excludes those with no income.

Source: U.S. Bureau of the Census, 1980 Census of Population, Vol. 1, Chapters C and D, pts 53-57a and unpublished data.

No. 1387. FEDERAL DIRECT PAYMENTS FOR INDIVIDUALS BY SELECTED PROGRAM AND OUTLYING AREA: 1986 AND 1987

[In thousands of dollars. For fiscal years ending September 30]

PROGRAM PAYMENTS	1986				1987			
	Puerto Rico	Guam	Virgin Islands	American Samoa	Puerto Rico	Guam	Virgin Islands	American Samoa
Total	2,875,525	66,134	95,983	9,856	2,847,599	70,153	79,526	10,669
Pell Grants.....	282,888	756	579	172	277,214	2,081	626	248
Medicare: Hospital Insurance.....	134,211	1,632	3,573	-	136,933	1,665	3,645	-
Supplemental medical insurance.....	119,503	1,270	2,123	-	141,778	1,507	2,518	-
Social Security: Disability insurance.....	493,697	1,328	3,815	1,258	507,087	1,559	4,386	1,419
Retirement Insurance.....	842,983	7,318	25,442	2,989	883,602	8,005	27,078	3,211
Survivors Insurance.....	347,922	4,605	8,316	2,679	367,637	5,014	8,843	2,783
Veterans: Pension and disability.....	226,162	2,744	819	1,332	247,498	2,971	736	1,184
Education assistance.....	4,227	447	16	297	4,773	381	30	176
Federal retirement and disability.....	128,597	25,555	7,478	833	141,885	26,914	7,960	1,581
Food Stamps.....	1,817,786	16,984	21,642	-	1,851,094	14,982	19,376	-
Other.....	94,335	3,515	22,178	96	139,192	5,074	4,328	67

- Represents or rounds to zero. ¹ Food stamp program in Puerto Rico was replaced by the Nutritional Assistance Grant Program. Figures shown represent grants to State and local governments, not included in totals.Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

NO. 1388. PUERTO RICO—SUMMARY: 1960 TO 1987

ITEM	Unit	1960	1970	1975	1980	1982	1983	1984	1985	1986	1987
POPULATION											
Total ¹	1,000	2,360	2,722	2,939	3,197	3,252	3,265	3,289	3,282	3,273	3,292
Persons per family	Number	4.8	4.6	4.4	4.3	4.2	4.2	4.1	4.1	4.1	4.1
EDUCATION ²											
Enrollment, total	1,000	737.6	925.8	977.9	1,028.2	1,044.3	1,064.6	1,069.5	1,055.6	1,075.0	(NA)
Public day school	1,000	573.4	672.3	704.1	716.1	711.7	708.7	701.9	692.9	686.9	679.5
Other public	1,000	76.4	103.9	83.7	85.6	95.6	98.6	104.7	99.7	100.9	(NA)
Private schools	1,000	63.3	92.3	95.7	99.4	102.4	107.8	102.7	107.9	130.4	121.3
College and university	1,000	24.5	57.3	94.4	127.0	134.5	151.9	160.2	155.7	156.8	158.6
Expenses	Mil. dol.	87.4	288.8	427.7	818.1	989.8	1,019.5	1,085.7	1,135.8	1,168.8	1,227.7
As percent of GNP	Percent	5.2	6.2	6.0	7.4	7.8	7.9	7.7	7.7	7.4	7.2
Public	Mil. dol.	74.1	254.6	334.8	612.2	728.6	737.9	782.2	810.2	814.4	847.9
Private	Mil. dol.	13.3	34.2	92.9	205.9	260.3	281.6	303.5	325.6	354.4	379.6
LABOR FORCE ⁴											
Total ⁵	1,000	625	765	825	907	918	919	952	964	977	1,013
Employed ⁶	1,000	542	686	699	753	719	703	743	758	777	834
Agriculture ⁷	1,000	125	68	48	40	35	37	40	38	40	35
Manufacturing	1,000	81	132	130	143	134	131	142	138	140	152
Trade	1,000	97	128	134	138	141	136	145	147	149	159
Government	1,000	62	106	143	184	171	170	177	180	180	197
Unemployed	1,000	82	79	125	154	199	216	209	206	200	179
Unemployment rate ⁸	Rate	13	10	15	17	22	23	22	21	21	18
Compensation of employees	Mil. dol.	928.9	2,800.2	4,838.2	7,217.6	7,972.3	8,060.4	8,782.2	9,250.7	9,772.5	10,565.2
Avg. compensation	Dollar	1,711	4,082	6,922	9,584	11,088	11,466	11,820	12,204	12,577	12,668
Salary and wages	Mil. dol.	872.0	2,554.5	4,320.5	6,341.0	6,984.2	7,055.8	7,679.9	8,086.0	8,485.5	9,217.3
INCOME ⁹											
Personal income:											
Current dollars	Mil. dol.	1,374	3,753	6,861	10,932	12,688	12,695	13,537	14,330	15,127	15,980
Constant (1954) dollars	Mil. dol.	1,240	2,654	3,381	3,947	3,934	3,827	4,035	4,163	4,338	4,531
Disposable personal income:											
Current dollars	Mil. dol.	1,334	3,565	6,480	10,333	11,989	11,936	12,775	13,502	14,069	14,935
Constant (1954) dollars	Mil. dol.	1,204	2,521	3,194	3,730	3,711	3,598	3,808	3,923	4,035	4,235
Average family income:											
Current dollars	Dollar	2,818	6,366	10,958	14,762	16,367	16,339	16,982	17,933	18,913	19,947
Constant (1954) dollars	Dollar	2,544	4,503	5,104	5,315	5,078	4,927	5,064	5,211	5,424	5,654
BANKING ¹⁰											
Assets	Mil. dol.	705	3,322	6,642	10,223	15,605	18,435	19,968	21,209	22,534	26,101
Debts	Mil. dol.	835	2,548	6,930	13,399	18,701	24,098	(NA)	(NA)	(NA)	(NA)
Personal checking	Mil. dol.	(NA)	1,999	5,714	11,206	16,640	21,917	(NA)	(NA)	(NA)	(NA)
Personal savings	Mil. dol.	(NA)	94	166	423	800	759	(NA)	(NA)	(NA)	(NA)
Government accounts	Mil. dol.	(NA)	454	1,049	1,770	1,261	1,422	(NA)	(NA)	(NA)	(NA)
TOURISM ⁹											
Number of visitors	1,000	347.4	1,088.4	1,329.1	1,627.3	1,563.7	1,529.8	1,498.4	1,544.9	1,572.6	1,871.3
Visitor expenditures	Mil. dol.	58.1	235.4	372.7	615.0	699.2	690.8	681.2	722.8	745.7	893.0
Average per visitor	Dollar	167	216	280	378	447	452	455	468	474	477
Net income from tourism	Mil. dol.	19.4	89.8	117.2	199.3	216.0	219.9	220.4	(NA)	(NA)	(NA)

NA Not available. ¹ 1960, 1970, and 1980 enumerated as of April 1; all other years estimated as of July 1. ² Enrollment for the first school month. Expenses for school year ending in year shown. ³ Includes adult education. ⁴ Annual average of monthly figures. For fiscal years. ⁵ Beginning 1980, for population 16 years old and over; 1960-1975, for population 14 years and over. ⁶ Includes other employment, not shown separately. ⁷ Includes forestry and fisheries. ⁸ Percent unemployed of the labor force. ⁹ For fiscal years. ¹⁰ As of June 30.

Source: Puerto Rico Planning Board, San Juan, PR, *Income and Product*, annual, and *Socioeconomics Statistics*, annual.

No. 1389. PUERTO RICO—EMPLOYMENT STATUS, 1960 TO 1987, AND BY SEX, 1987

[In thousands of persons 14 years old and over except, beginning 1980, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

EMPLOYMENT STATUS	1960	1970	1975	1980	1982	1983	1984	1985	1986	1987		
										Total	Male	Female
Total.....	1,368	1,743	1,983	2,116	2,216	2,251	2,273	2,293	2,303	2,310	1,081	1,229
In the labor force.....	635	777	826	918	912	942	958	969	998	1,019	645	374
Employed.....	558	693	676	758	704	722	759	758	809	848	520	328
Working.....	525	657	630	712	664	683	719	710	768	804	498	306
35 hours or more.....	406	569	460	535	470	498	521	508	579	670	363	210
Less than 35 hours.....	219	88	175	177	194	185	198	203	189	235	136	96
Not working.....	33	35	45	48	40	39	40	47	41	44	22	22
Unemployed.....	77	84	150	156	208	220	198	211	188	171	125	46
Percent.....	12.1	10.7	18.1	17.0	22.8	23.4	20.7	21.8	18.9	16.8	19.4	12.4
Not in labor force.....	734	986	1,157	1,200	1,303	1,309	1,315	1,324	1,305	1,291	436	855

¹ 30 hours or more. ² Less than 30 hours.

Source: Puerto Rico Dept. of Labor and Human Resources, Bureau of Labor Statistics, San Juan, PR.

Outlying Areas

No. 1390. PUERTO RICO—GROSS PRODUCT BY MAJOR INDUSTRIAL SECTOR: 1971 TO 1987

(In millions of dollars. For fiscal years ending June 30)

ITEM	1971	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
Gross product	5,252	7,184	10,061	11,074	12,190	12,627	12,933	14,010	14,805	15,829	17,029
Agriculture.....	177	271	355	394	377	395	396	343	348	338	402
Manufacturing.....	1,334	2,371	4,471	5,323	5,786	6,017	6,483	7,266	7,758	8,289	9,332
Contract construction and mining ¹	465	462	359	370	410	356	322	306	337	327	409
Transportation ²	482	767	1,098	1,235	1,303	1,541	1,467	1,660	1,595	1,766	1,877
Trade	987	1,377	2,124	2,277	2,469	2,471	2,417	2,785	2,933	3,111	3,664
Finance, Insurance, real estate.....	874	975	1,452	1,598	1,711	1,947	2,197	2,363	2,485	2,743	3,011
Services	352	805	1,176	1,316	1,443	1,542	1,620	1,761	1,853	1,991	2,178
Government.....	736	1,334	1,708	1,896	2,051	1,952	2,029	2,173	2,345	2,444	2,673
Commonwealth.....	656	1,145	1,406	1,573	1,733	1,675	1,723	1,849	1,995	2,077	2,291
Municipalities.....	80	189	301	323	318	277	306	324	350	367	387
Rest of the world.....	-407	-1,043	-2,725	-3,406	-3,633	-3,788	-4,055	-4,612	-4,878	-5,441	-6,877
Statistical discrepancy	234	-135	44	70	272	195	57	-35	33	252	157

¹ Mining includes only quarries.² Includes other public utilities.Source: Puerto Rico Planning Board, San Juan, PR, *Economic Report of the Governor, 1986-87*.

No. 1391. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1970 TO 1987

(In millions of dollars. For fiscal years ending June 30)

INDUSTRY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
All industries	3,668	6,094	9,213	9,947	10,350	10,640	11,534	12,149	12,961	13,993
Agriculture	178	315	466	430	480	422	395	388	385	452
Manufacturing	958	1,987	4,809	5,220	5,406	5,735	6,485	6,984	7,631	8,785
Chemicals and allied products	109	561	1,583	1,786	1,908	2,269	2,341	2,686	2,958	3,737
Metal products and machinery	192	484	1,454	1,721	1,828	1,753	2,164	2,284	2,544	2,667
Food and related products	161	285	549	645	682	565	754	834	896	1,083
Apparel and related products	172	206	361	374	375	408	452	406	410	421
Other manufacturing	324	452	863	694	613	740	774	764	823	877
Mining	7	5	9	9	297	293	320	308	308	383
Contract construction	338	406	839	377	320	1,213	1,192	1,263	1,197	1,351
Transp. and other public utilities ¹	342	629	1,003	1,063	1,213	1,192	1,263	1,197	1,492	1,492
Trade	631	970	1,621	1,743	1,770	1,748	2,011	2,097	2,237	2,405
Finance, Insurance, and real estate	504	803	1,346	1,432	1,663	1,872	1,997	2,071	2,298	2,567
Services	448	686	1,130	1,255	1,344	1,400	1,531	1,626	1,749	1,909
Commonwealth Government ²	810	1,334	1,896	2,051	1,952	2,029	2,173	2,345	2,444	2,678
Rest of the world	-347	-1,043	-3,406	-3,633	-3,788	-4,055	-4,612	-4,878	-5,441	-6,877

¹ Includes radio and television.² Includes public enterprises, not elsewhere classified.Source: Puerto Rico Planning Board, San Juan, PR, *Economic Report of the Governor, 1986-87*.

No. 1392. PUERTO RICO—TRANSFERS BETWEEN FEDERAL AND STATE GOVERNMENTS AND OTHER NONRESIDENTS: 1971 TO 1987

(In million of dollars. For fiscal years ending June 30)

ITEM	1971	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total receipts	400	1,229	2,362	2,574	2,787	3,157	3,221	3,402	3,540	3,789	3,845
Federal government	378	1,184	2,247	2,447	2,681	3,003	3,023	3,173	3,357	3,625	3,638
Transfers to individuals ¹	355	1,141	2,181	2,369	2,608	2,915	2,933	3,090	3,263	3,553	3,540
Veterans benefits	83	178	202	223	231	274	289	303	324	336	342
Medicare	24	41	92	118	137	163	184	186	220	220	273
Old age, disability, survivors	227	468	895	1,041	1,191	1,348	1,423	1,528	1,581	1,658	1,743
Nutritional assistance	(X)	388	821	812	860	896	775	765	780	791	804
Industry subsidies	19	31	47	56	48	58	55	55	61	37	62
Private institutions	4	12	19	21	25	29	24	28	33	35	37
U.S. State governments	8	19	14	13	16	15	15	16	17	15	15
Other nonresidents	15	25	100	114	90	140	183	213	166	149	192
Total payments	270	597	792	848	924	961	986	1,113	1,180	1,273	1,339
Federal government ¹	270	592	786	841	914	950	973	1,087	1,145	1,255	1,326
Old age, disability, survivors	199	364	517	649	689	700	708	794	846	896	986
Medicare	8	10	18	21	25	31	38	45	44	47	53
Unemployment insurance	40	79	119	129	146	165	167	183	188	240	213
Other nonresidents	(Z)	5	7	7	9	10	13	26	35	18	13
Net balance	130	631	1,570	1,726	1,864	2,196	2,236	2,289	2,360	2,517	2,507

X Not applicable. Z Less than \$500,000.

¹ Includes other receipts and payments, not shown separately.Source: Puerto Rico Planning Board, San Juan, PR, *Economic Report of the Governor, 1986-87*.

Puerto Rico—Employment and Manufactures

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No. 1393. PUERTO RICO—EMPLOYEES AND PAYROLL, BY INDUSTRY: 1980 TO 1986

[Excludes employees of establishments totally exempt from the Federal Insurance Contributions Act; government workers, railroad employment jointly covered by Social Security and railroad retirement programs, self-employed persons, domestic service, agriculture production employees, and employees on oceanborne vessels or in foreign countries]

SIC ¹ code	INDUSTRY	EMPLOYEES ²				ANNUAL PAYROLL (mil. dol.)			
		1980	1984	1985	1986	1980	1984	1985	1986
	Total ³	438,875	434,442	442,029	454,264	3,741.9	4,514.1	4,880.6	5,322.1
A	Agricultural services, forestry, fisheries	532	460	566	494	5.7	5.3	4.1	3.6
07	Agricultural services	378	396	486	382	2.4	3.4	2.4	2.1
B	Mining	800	498	655	564	8.6	6.3	7.3	7.1
14	Nonmetallic minerals, except fuels	656	420	485	420	5.6	3.8	4.6	4.5
C	Contract construction ⁴	36,487	23,872	23,708	22,454	281.5	214.2	214.7	220.4
15	General contractors and operative builders	21,605	13,878	13,887	13,235	159.0	120.4	123.2	126.5
17	Special trade contractors	9,879	7,072	6,778	6,669	74.5	65.7	64.8	63.7
D	Manufacturing ³	154,821	144,430	141,350	140,782	1,401.7	1,713.0	1,792.4	1,897.1
20	Food and kindred products	19,357	17,856	19,811	18,364	179.4	212.7	234.8	256.0
23	Apparel and other textile products	35,843	31,938	27,518	29,474	215.2	222.2	208.2	242.0
28	Chemical and allied products	16,082	18,940	19,837	19,537	217.0	342.9	396.1	407.0
35	Machinery, except electrical	6,766	9,912	8,205	7,263	72.9	135.7	121.0	110.5
36	Electrical and electronic equipment	18,525	21,535	21,883	21,352	182.2	268.7	272.3	297.1
E	Transportation and other public utilities ³	19,876	19,489	20,787	20,366	227.0	283.3	339.4	365.0
42	Trucking and warehousing	2,563	2,057	1,890	1,906	21.8	19.3	19.2	19.3
47	Transportation services	1,711	1,242	1,569	1,436	13.5	14.5	19.3	16.8
F	Wholesale trade ³	28,784	26,014	28,348	29,640	331.2	392.8	395.8	444.0
50	Wholesale trade-durable goods	13,465	12,146	11,923	12,268	157.2	174.6	173.8	168.1
51	Wholesale trade-nondurable goods	15,013	15,349	15,957	16,830	189.3	207.1	212.6	243.4
G	Retail trade ³	79,189	79,968	80,249	82,665	531.8	607.1	652.3	680.7
54	Food stores	16,367	15,839	16,180	15,994	96.4	103.2	110.6	115.7
55	Automobile dealers and service stations	9,187	7,492	7,598	8,014	68.2	65.5	75.2	76.9
56	Apparel and accessory stores	9,998	9,886	10,238	10,884	65.6	74.2	76.8	82.4
58	Eating and drinking places	11,034	14,682	13,428	14,914	64.5	87.7	94.6	93.3
59	Miscellaneous retail	9,146	11,090	11,052	10,806	58.0	82.0	89.4	97.9
H	Finance, insurance, and real estate ³	25,135	29,152	28,065	30,540	250.2	373.4	379.3	456.8
60	Banking	8,017	11,052	9,474	10,361	81.5	151.2	124.1	171.8
61	Credit agencies other than banks	6,847	7,353	7,239	8,308	63.2	78.5	92.6	108.4
65	Real estate	3,755	3,340	4,433	4,182	25.7	29.7	36.6	39.3
I	Services ³	79,573	86,763	88,553	94,090	601.8	740.1	821.7	945.6
72	Personal services	3,199	2,603	2,655	2,780	18.2	18.5	20.6	21.6
73	Business services	15,268	18,106	18,243	20,186	120.9	164.1	167.5	202.1
75	Auto repair, services, and garages	2,810	2,351	2,298	2,328	18.1	20.6	24.3	24.1
80	Health services	18,083	20,920	22,252	22,444	129.5	167.2	200.1	208.1
81	Legal services	2,328	2,677	2,711	2,722	27.3	28.5	32.3	36.0

¹ Standard Industrial Classification (SIC) code; see text, section 13.

² For the pay period including March 12.

³ Includes other nonclassifiable establishments, not shown separately.

Source: U.S. Bureau of the Census, *County Business Patterns*, annual.

No. 1394. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1977 AND 1982

[Money figures in millions of dollars. For employer establishments only]

INDUSTRY (Based on 1972 Standard Industrial Classification System) ¹	1977		1982				Value added by manufacturer ³	Value of shipments ⁵	
	Establishments	All employees ²	Value added by manufacturer ³	All employees		Production workers ⁴			
				Establishments	Number ²	Payroll	Number ²	Wages	
All Industries	2,297	146,861	4,097.2	2,285	143,218	1,573.0	110,343	1,035.6	8,805.6
Food and kindred products	324	21,407	485.6	333	18,821	213.8	13,633	128.4	985.5
Tobacco manufacturers	17	3,670	122.0	14	(D)	(D)	(D)	(D)	(D)
Textile mill products	63	6,001	108.9	29	2,840	21.8	2,347	17.1	66.5
Apparel and other textile products	386	35,294	278.9	341	31,764	229.7	28,615	192.3	510.1
Lumber and wood products	83	823	9.1	82	603	4.6	230	1.8	9.0
Furniture and fixtures	124	2,383	26.1	122	2,195	16.6	1,410	9.6	49.8
Paper and allied products	38	1,459	21.7	41	1,469	15.3	1,084	8.2	46.5
Printing and publishing	161	4,037	68.9	154	2,861	39.7	1,587	18.4	109.0
Chemicals and allied products	181	15,732	1,476.5	183	17,225	287.4	11,553	157.0	3,713.9
Petroleum and coal products	19	2,462	143.4	16	(D)	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	77	5,961	147.6	83	4,496	45.3	3,457	32.7	157.7
Leather and leather products	47	6,165	55.7	47	6,019	48.0	5,340	40.0	108.3
Stone, clay, and glass products	175	4,987	102.7	171	4,390	41.4	2,868	24.3	133.5
Primary metal industries	35	1,567	48.5	34	683	6.8	457	3.4	14.8
Fabricated metal products	189	4,654	84.2	162	3,553	42.1	2,445	27.4	115.7
Machinery, exc. electrical	57	4,071	161.2	88	6,722	87.3	5,094	56.1	542.2
Electric and electronic equipment	131	14,785	403.1	181	21,682	248.1	16,758	173.7	1,139.6
Transportation equipment	26	1,127	28.1	28	909	9.1	765	7.3	32.1
Instruments and related products	69	6,789	257.3	89	10,865	130.1	8,574	89.4	616.4
Misc. manufacturing industries	85	3,487	67.8	87	3,373	37.8	2,448	24.9	92.6

D. Withheld to avoid disclosure. ¹ See text, section 13. ² Average for year. ³ See footnote 6, table 1264. ⁴ For establishments with 10 or more employees. ⁵ Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Manufacturing Areas, Manufactures, 1982, Puerto Rico*, series OAC82-4.

Outlying Areas

NO. 1395. PUERTO RICO—CONSTRUCTION SUMMARY: 1977 AND 1982

(Money figures in millions of dollars. Employer establishments only)

INDUSTRY (Based on 1972 Standard Industrial Classification System) ¹	1977			1982				
	Establishment	Employees ²	Total receipts ³	Establishments	Total receipts ³	Pay-roll entire year	Employees ²	Value added ⁴
Construction⁵	1,692	36,154	931	1,394	1,190	224	20,228	468
General building contractors and operative builders	777	20,281	555	494	606	107	14,620	185
General contractors, residential buildings	576	9,847	(D)	319	(S)	(S)	7,265	(S)
Single-family houses	548	8,258	162	285	(S)	(S)	4,973	(S)
Operative builders	70	3,109	145	48	(S)	(S)	2,237	(S)
General contractors, nonresidential buildings	131	7,325	(D)	127	167	40	5,118	76
Heavy construction, general contractors	156	5,164	151	173	238	44	4,970	(D)
Special trade contractors ⁶	705	9,515	202	708	334	72	9,534	154
Plumbing, heating, air-conditioning	132	1,361	39	125	70	16	1,704	28
Painting, paper hanging, decorating	52	585	(D)	42	(S)	(S)	589	(S)
Electrical work	134	2,183	51	162	92	21	2,443	43
Concrete work	45	922	19	63	36	7	1,200	14
Subdividers and developers, n.e.c. ⁸	54	1,194	23	21	12	1	104	(D)

D Withheld to avoid disclosures. S Withheld because estimates did not meet publication standards on the basis of either response rate or a consistency review. See text, section 13. ² Average for year. ³ Total business receipts. ⁴ All business receipts less payments for materials, components, supplies, and fuels, and for construction work subcontracted to others.

⁵ Includes industries not shown separately. ⁶ N.e.c. means not elsewhere classified.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1977 and 1982 Construction Industries, Puerto Rico*, series OAC77-3 (revised), and OAC B2-3.

NO. 1396. PUERTO RICO—MERCANDISE IMPORTS AND EXPORTS: 1970 TO 1987

(In millions of dollars)

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Imports	2,681	4,885	5,928	6,200	6,818	7,834	9,018	9,329	8,167	8,708	10,116	10,162	10,321	11,308
From U.S.	2,070	3,029	3,877	3,552	4,391	4,788	5,345	5,801	5,300	5,182	5,738	6,130	6,467	7,307
From other	611	1,856	2,251	2,649	2,527	3,046	3,673	3,528	2,867	3,546	4,378	4,032	3,854	4,001
Exports	1,880	3,000	3,735	4,516	5,123	6,538	6,576	7,047	8,888	8,242	9,426	11,087	11,854	12,508
To U.S.	1,563	2,633	3,298	4,009	4,499	5,720	5,843	6,024	7,624	6,936	8,074	9,873	10,524	11,153
To other	117	367	437	507	824	819	933	1,023	1,264	1,306	1,352	1,214	1,330	1,355

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual; *U.S. Trade with Puerto Rico and U.S. Possessions, FT 800*; and *Highlights of U.S. Export and Import Trade, FT 980*.

NO. 1397. PUERTO RICO, GUAM, AND VIRGIN ISLANDS—GOVERNMENT SUMMARY: 1982

ITEM	Unit	PUERTO RICO		Guam	Virgin Islands
		Commonwealth	Municipio ¹		
Number of governments	Number	1	78	1	1
Gross assessed value ²	Mil. dol.	7,705.8	7,705.8	711.4	2,165.5
Real property	Mil. dol.	5,118.9	5,118.9	711.4	2,165.5
Personal property	Mil. dol.	2,586.9	—	—	—
Employment, total	Number	185,000	37,500	10,327	12,985
Rate ³ ⁴	Number	579	117	974	1,345
Full-time employees	Number	(NA)	(NA)	9,393	12,657
Full-time equivalent	Number	(NA)	(NA)	9,730	12,759
October payrolls total	\$1,000	98,200	21,700	12,829	14,127
Average October earnings:					
Full-time employees	Dollars	(NA)	(NA)	1,317	1,105
Instructional employees	Dollars	(NA)	(NA)	1,531	1,410
Other	Dollars	(NA)	(NA)	1,277	1,048
Revenue, total	Mil. dol.	5,877.5	346.8	276.8	865.2
Per capita ⁵	Dollar	1,839	109	2,629	5,889
Intergovernmental	Mil. dol.	1,184.1	58.0	61.0	320.8
Taxes	Mil. dol.	1,940.2	289.0	118.9	187.0
Utility	Mil. dol.	1,316.7	(NA)	61.0	81.8
Other	Mil. dol.	1,436.6	—	37.7	95.6
Expenditure, total	Mil. dol.	5,695.6	305.1	450.6	668.6
Per capita ⁵	Dollar	1,782	91	4,252	6,923
Current operations	Mil. dol.	1,813.4	279.9	373.1	531.3
Capital outlay	Mil. dol.	518.5	(NA)	50.4	68.8
Other	Mil. dol.	3,363.7	25.2	27.2	68.8

¹ Represents zero. NA Not available. ² Classified as county governments for census statistics on governments.

³ For 1981. ⁴ Per 10,000 population. ⁵ Based on enumerated population as of April 1, 1980.

Source: U.S. Bureau of the Census, 1982 Census of Governments, Vol. 6, No. 2, Puerto Rico, Virgin Islands, and Guam (GCB2(6)-2).

Agriculture—Economic Summary

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No. 1398. PUERTO RICO, GUAM, AND VIRGIN ISLANDS—AGRICULTURE: 1978 AND 1982

[1 cuerda = .97 acre. Tons specified are short tons]

ITEM	1978	1982	ITEM	1978	1982	ITEM	AMOUNT HARVESTED ¹		SALES (\$1,000)		
							Unit	1978	1982	1978	1982
PUERTO RICO											
Farms	18,992	21,820	Tenure of operator: Percent—			Dairy products	(x)	(x)	131,485	152,126	
Percent—			Full-owners	77.0	79.3	Poultry ²	(x)	(x)	26,950	45,945	
Less than 10 cuerdas	37.0	45.1	Part-owners	15.0	11.5	Coffee	1,000 cwt ³	178.9	243.9	26,387	39,302
10 to 19 cuerdas	25.2	20.9	Managers	2.2	1.8	Cattle and calves	(x)	(x)	18,945	28,579	
20 to 49 cuerdas	20.6	18.0	Tenants	5.8	7.4	Sugarcane	1,000 tons	2,925	1,462	39,530	26,663
50 to 99 cuerdas	7.4	7.1	Avg. cuerda size—			Fruits/nuts	(x)	(x)	10,686	14,060	
100 to 174 cuerdas	4.1	3.9	Full-owners	33.8	31.1	Grains and farinaceous crops	(x)	(x)	5,891	9,713	
175 or more cuerdas	5.7	5.0	Part-owners	101.6	99.3	Vegetables	(x)	(x)	2,338	9,547	
Cuerdas in farms	979,603	982,457	Managers	182.0	122.8						
			Tenants	108.5	90.9						
GUAM											
Farms	1,999	2,044	Tenure of operator: Percent—			Chicken eggs	(x)	(x)	1,293.3	792.1	
Percent—			Full-owners	80.5	78.0	Cucumbers	1,000 lbs	118.8	658.2	217.8	
Less than 1 acre	(NA)	45.4	Permittees	4.7	11.6	Fish	(x)	(x)	5.3	121.3	
1 to 2 acres	(NA)	36.4	Tenants	5.8	6.8	Hogs and pigs	(x)	(x)	69.1	117.2	
3 to 7 acres	(NA)	10.5	Part-owners	1.6	1.3	Watermelons	1,000 lbs	387.9	422.5	92.1	
8 or more acres	(NA)	7.8	Nonpermittees	5.8	1.1	Green beans	1,000 lbs	89.4	143.2	81.8	
Acres in farms	28,619	26,662	Others	1.7	1.2	Tomatoes	1,000 lbs	30.6	105.1	5.1	
VIRGIN ISLANDS											
Farms	378	303	Tenure of operator: Percent—			Milk	(x)	(x)	1,074.1	922.8	
Percent—			Full-owners	78.0	80.2	Cattle and calves	(x)	(x)	395.3	488.6	
Less than 3 acres	24.1	24.8	Part-owners	7.9	10.9	Poultry ²	(x)	(x)	211.7	315.6	
3 to 8 acres	38.9	37.6	Tenants	7.4	7.9	Hogs and pigs	(x)	(x)	31.5	130.0	
10 to 19 acres	14.3	10.6	Managers	6.6	1.0	Bananas	1,000 bunches	3.2	11.5	5.3	
20 or more acres	22.8	27.1			Onions	(x)	(x)	4.4	51.5		
Acres in farms	24,397	20,824			Mangoes	1,000	111.5	209.8	18.8	48.5	

NA Not available. X Not applicable. ¹Includes amounts not sold. ²Includes poultry products.

³Cwt=hundredweight (100 lbs.).

Source: U.S. Bureau of the Census, 1982 Census of Agriculture, vol. 1, parts 52, 53, and 54.

No. 1399. GUAM, VIRGIN ISLANDS, AND NORTHERN MARIANA ISLANDS—ECONOMIC SUMMARY: 1982

[Sales and payroll in millions of dollars]

ITEM	Guam	Virgin Islands	No. Mariana Islands	ITEM	Guam	Virgin Islands	No. Mariana Islands
Total: Establishments.....	1,377	2,588	466	Wholesale trade:			
Sales	(D)	(D)	134.5	Establishments	89	104	11
Annual payroll	115.6	226.5	19.9	Sales	164.9	197.4	28.5
Paid employees ¹	11,871	19,192	3,945	Annual payroll	12.8	18.7	1.4
Unpaid family workers ²	507	511	269	Paid employees ¹	981	1,363	364
Construction: Establishments.....	61	150	42	Unpaid family workers ²	12	14	1
Sales	60.2	142.0	22.2	Retail trade:			
Annual payroll	16.3	46.3	3.7	Establishments	802	1,191	258
Paid employees ¹	1,383	3,283	732	Sales	412.9	489.2	56.7
Unpaid family workers ²	14	23	14	Annual payroll	46.8	57.9	7.4
Manufacturing:				Paid employees ¹	5,400	6,880	1,490
Establishments	22	71	8	Unpaid family workers ²	401	357	199
Sales	(D)	(D)	2.1	Services: ³			
Annual payroll	8.4	63.1	.5	Establishments	403	1,072	147
Paid employees ¹	638	2,830	97	Sales	118.9	146.7	25.4
Unpaid family workers ²	—	6	—	Annual payroll	31.5	42.6	6.9

— Represents zero. D Withheld to avoid disclosure of information pertaining to a specific organization.

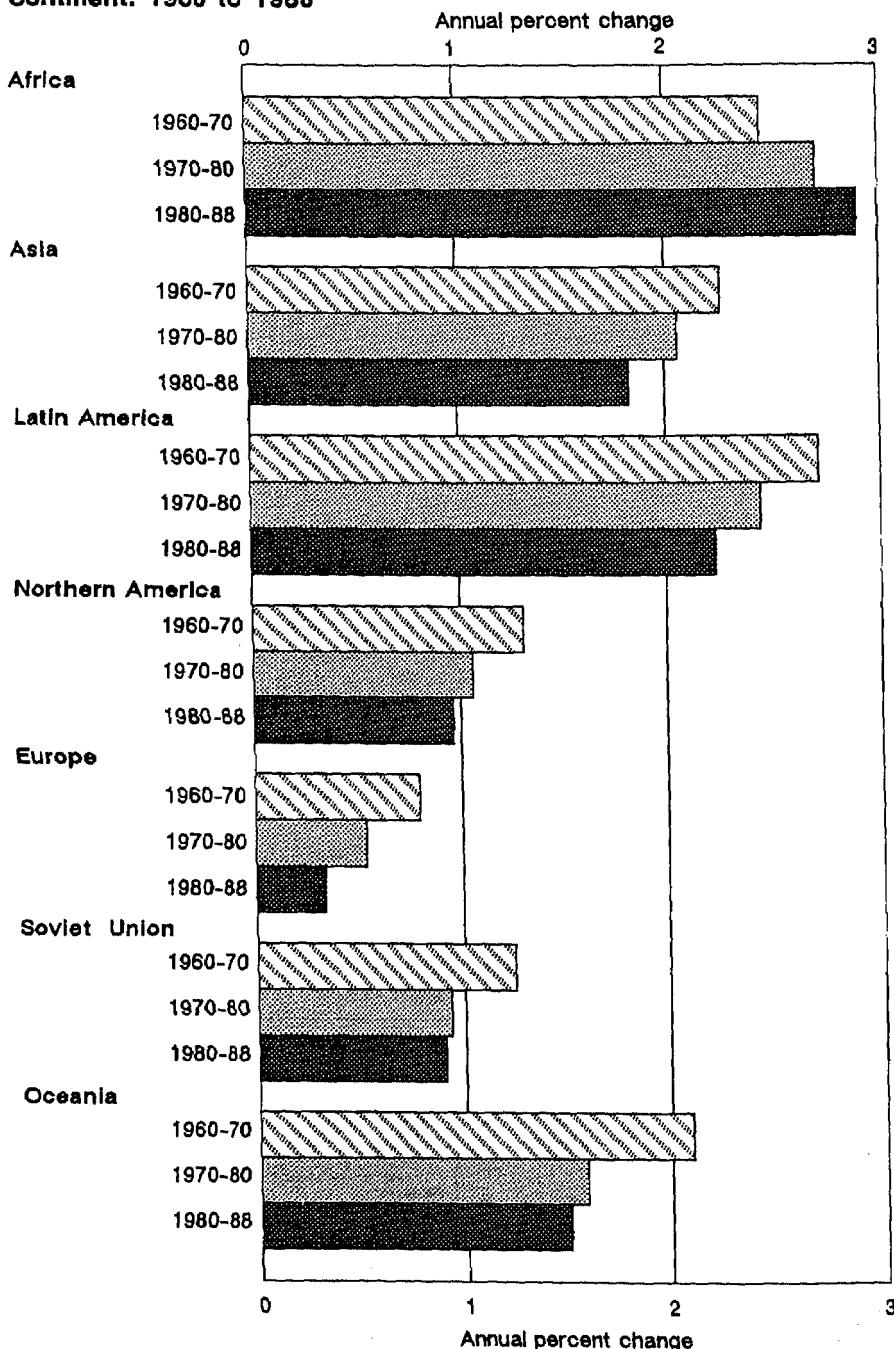
¹For pay period including March 12. ²Includes those who worked 15 hours or more during the week including March 12.

³Includes travel agencies, dental labs; and legal, engineering, architectural and surveying services.

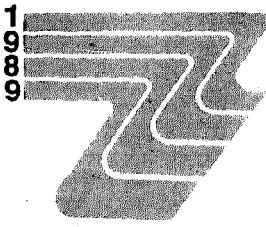
Source: U.S. Bureau of the Census, 1982 Economic Census of Outlying Areas, OAC 82-5 to OAC 82-7.

Figure 31.1

**World Population-Annual Growth Rate, by
Continent: 1960 to 1988**



Source: Chart prepared by U.S. Bureau of the Census. For data see table 1402.



Section 31

Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, communication, and military affairs.

Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. (For a listing of selected publications, see Guide to Sources.) For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*; the *Demographic Yearbook*; the *Yearbook of International Trade Statistics*; the *Yearbook of National Accounts Statistics: Vol. II, International Tables; Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics*; and *Energy Statistics Yearbook*. Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, health, and education statistics. Among these are the *Production Yearbook* and *Trade Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, *World Health Statistics* issued by the World Health Organization, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census, in *Country Demographic Profiles*, series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the *World Population Profile* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports*, series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries. Detailed population statistics are also available from the Bureau of the Census' computerized data system, the International Data Base.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers*, published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, gross national product, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics*, *Direction of Trade*, and *Balance of Payments Yearbook*, published in English, French, and Spanish.

Statistical coverage, country names, and classifications.—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a list of sovereign nations, dependencies, and areas of special sovereignty published by the U.S. Department of State in *Status of the World's Nations*. Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in table 1402 are classified as either "more developed" or "less developed," according to a *regional* classification system used by the Census Bureau in its *World Population: 1983*. The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

The population estimates and projections used in tables 1402-1405 were prepared by the Census Bureau. For each country, the data on population, by age and sex, fertility, mortality, and interna-

tional migration were evaluated, and, where necessary, adjusted for inconsistencies and errors in the data. In most instances, comprehensive projections were made by the component method, resulting in distributions of the population by age and sex, and requiring an assessment of probable future trends of fertility, mortality, and international migration.

Economic associations.—The Organization for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the United Kingdom, the United States, and West Germany, plus Yugoslavia in special status category.

Quality and comparability of the data.—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

International comparisons of national accounts data.—In order to compare national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. For example, using table 1412, it should not be concluded that the United Kingdom's individual standard of living in 1987 was only 64 percent of that of the U.S., as the statistics may imply. It is obviously necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1413) instead of exchange rates is intended to achieve this objective.

The method used to present the data shown in table 1413 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see *National Accounts, Main Aggregates*, volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

World Summary—World Population

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No. 1400. WORLD SUMMARY: 1970 TO 1986

[See text, section 31, for general comments concerning quality of the data]

ITEM	Unit	1970	1975	1976	1980	1981	1982	1983	1984	1985	1986
Population	Millions	3,678	4,033	4,378	4,453	4,528	4,607	4,684	4,760	4,837	4,917
Agriculture, forestry, and fishing:											
Barley	Mil. metric tons	125	140	158	160	152	184	162	173	177	183
Coffee	Mil. metric tons	3.9	4.7	4.9	4.8	8.0	5.1	5.7	5.1	5.0	5.1
Corn	Mil. metric tons	278	348	418	396	450	450	348	453	488	477
Cotton (lint)	Mil. metric tons	11.8	12.3	13.9	13.9	15.3	14.8	14.3	18.3	17.3	15.2
Meats	Mil. metric tons	(NA)	(NA)	130	134	136	137	142	146	151	155
Peanuts (groundnuts)	Mil. metric tons	18.5	19.7	18.0	17.1	20.5	18.1	19.0	20.2	21.6	21.7
Potatoes	Mil. metric tons	288	259	320	264	289	288	285	292	283	292
Rice	Mil. metric tons	316	358	377	399	412	424	452	470	473	474
Tobacco	Mil. metric tons	4.7	5.4	5.4	5.3	6.0	6.9	5.9	6.5	7.0	5.9
Wheat	Mil. metric tons	318	380	429	446	458	483	494	518	508	538
Wool, greasy	Mil. metric tons	(NA)	2.7	—	2.8	2.8	2.8	2.9	2.9	3.0	—
Roundwood	Mil. cubic meters	2,614	2,593	2,696	2,942	2,945	2,941	3,038	3,126	3,164	3,252
Fish catches	Mil. metric tons	68.0	68.7	71.3	72.0	74.8	75.6	77.4	83.5	85.6	81.5
Industrial production:											
Wine	Mil. metric tons	(NA)	(NA)	37.6	35.4	31.8	37.3	35.0	32.4	29.3	33.4
Sugar	Mil. metric tons	72.8	81.5	88.5	84.0	92.8	102.2	97.4	99.8	99.1	101.2
Wheat flour	Mil. metric tons	121.2	125.2	133.6	137.2	139.7	139.7	200.0	207.0	212.5	(NA)
Coal	Mil. metric tons	2,143	2,364	2,688	2,722	2,728	2,822	2,831	2,987	3,097	3,195
Lignite and brown coal	Mil. metric tons	793	863	985	1,005	1,094	1,089	1,130	1,186	1,240	1,281
Crude petroleum	Bil. bbl.	16.5	19.3	22.8	21.7	20.3	19.3	19.2	19.7	19.4	20.3
Natural gas (dry) ¹	Trl. cu. ft.	37.5	44.1	51.7	53.1	54.6	54.1	54.6	59.7	62.2	63.3
Electricity	Bil. kWh	4,962	6,527	7,989	8,247	8,384	8,478	8,824	9,310	9,712	9,982
Iron ore	Mil. metric tons	421	523	798	743	900	818	740	835	853	881
Pig iron and ferroalloys	Mil. metric tons	440	489	540	531	519	472	463	496	504	496
Tin	1,000 metric tons	184	178	233	227	229	214	185	198	195	193
Crude steel	Mil. metric tons	594	644	739	704	695	629	683	710	717	708
Cement	Mil. metric tons	(NA)	(NA)	859	867	868	866	888	889	908	910
Non-cellulosic fibers ²	Mil. metric tons	4.9	7.4	10.6	10.5	10.8	10.1	10.7	11.5	12.1	11.4
Sawnwood	Mil. cubic meters	413	402	451	438	419	421	441	461	485	475
Woodpulp	Mil. metric tons	97.2	97.9	118.7	121.1	120.8	115.3	123.9	130.9	130.4	(NA)
Newsprint	Mil. metric tons	21.6	21.0	25.3	26.1	27.3	25.8	26.0	27.8	28.3	29.2
Merchant vessels, launched ³	Mil. gross tons	21.7	35.9	11.8	13.9	17.1	17.3	14.9	17.7	17.8	14.9
Motor vehicles	Millions	29.3	33.0	41.6	38.9	37.5	36.4	39.9	42.0	44.4	(NA)
External trade:											
Imports, c.i.f.	Bil. U.S. dollars	328	802	1,689	2,057	2,322	1,905	1,875	1,982	2,025	2,213
Exports, f.o.b.	Bil. U.S. dollars	314	874	1,643	1,895	2,215	1,831	1,807	1,900	1,927	2,114
Transport:											
Railway freight	Bil. metric ton-km.	5,027	6,015	6,802	6,754	6,810	6,635	6,855	7,138	7,285	(NA)
Merchant shipping, freight ⁴	Mil. metric tons	(NA)	(NA)	3,625	3,676	3,500	3,290	3,290	3,410	3,382	(NA)
Civil aviation, kilometers flown ⁴	Millions	4,933	4,670	9,150	9,440	9,030	9,010	9,320	9,950	10,420	(NA)

NA Not available. ¹Source: U.S. Energy Information Administration, *International Energy Annual*, and *Monthly Energy Review*. ²Excludes China: Mainland. Tin and merchant vessels exclude Soviet Union. For other exclusions, see source.

³Freight loaded. ⁴Scheduled services of members of International Civil Aviation Organization. Excludes Soviet Union.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Monthly Bulletin of Statistics*. (Copyright.)

No. 1401. WORLD POPULATION, 1980 AND 1988, AND AREA, 1988, BY SIZE OF COUNTRY

[Covers only countries listed in table 1403. See headnote, table 1403]

POPULATION CLASS IN 1988	POPULATION, 1980		1988					
			Countries		Population		Area	
	Total (mil.)	Percent of total	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
Total	4,476	100.0	208	100.0	5,143	100.0	52,449	100.0
Under 1 million	14	.3	78	36.5	18	.3	1,283	2.4
1-5 million	96	2.2	40	19.2	115	2.2	4,708	9.0
5-10 million	169	3.8	27	13.0	199	3.9	3,473	6.8
10-25 million	478	10.7	34	16.3	566	11.0	9,940	19.0
25-50 million	318	7.1	10	4.8	365	7.1	7,821	14.8
Over 50 million	3,401	76.0	21	10.1	3,881	75.6	25,224	48.1

Source: Compiled from U.S. Bureau of the Census, unpublished data.

No. 1402. WORLD POPULATION AND VITAL STATISTICS, BY CONTINENT AND REGION, 1970 TO 1988, AND PROJECTIONS, 1990 AND 2000

[Crude birth rate: Number of births during 1 year per 1,000 persons (based on midyear population). Crude death rate: Number of deaths during 1 year per 1,000 persons (based on midyear population). Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year. For explanation of "more developed" and "less developed" categories, see text, section 31.]

CONTINENT AND REGION	MIDYEAR POPULATION (millions)					ANNUAL RATE OF GROWTH ¹ (percent)		CRUDE BIRTH RATE	CRUDE DEATH RATE	TOTAL FERTILITY RATE (number)	LIFE EXPECTANCY (years)
	1970	1980	1988	1990	2000	1970-1980	1980-1990				
World total	3,721	4,476	5,143	5,320	6,241	1.6	1.7	1.6	26.8	23.2	9.7
More developed regions	1,049	1,137	1,198	1,211	1,269	.8	.6	.5	14.9	13.3	9.7
Less developed regions	2,672	3,359	3,945	4,109	4,971	2.2	2.1	1.9	30.4	25.8	8.1
Percent of world	72	75	77	80	80	(X)	(X)	(X)	(X)	(X)	(X)
Africa ²	376	488	622	660	887	2.7	2.9	3.0	43.9	39.4	14.1
Asia ²	2,111	2,504	3,004	3,655	5,129	2.1	1.8	1.6	27.1	22.3	7.8
Latin America ²	1,04	1,117	1,153	1,124	1,129	1.1	1.6	1.4	11.9	12.6	7.1
Less developed regions	2,007	2,477	2,892	2,986	3,526	2.1	1.9	1.7	27.7	22.7	9.2
East Asia ³	991	1,161	1,304	1,384	1,481	1.8	1.2	1.0	18.9	15.2	6.7
South Asia ³	1,120	1,412	1,700	1,777	2,174	2.3	2.3	2.0	33.4	27.2	10.9
Latin America ²	286	365	436	455	551	2.4	2.2	1.9	28.1	23.9	7.1
Middle Africa ²	70	93	112	141	141	2.9	2.2	2.0	28.8	24.3	6.3
Caribbean ²	25	29	33	34	39	1.8	1.4	1.4	25.3	21.1	8.2
South America ²	191	242	281	304	370	2.4	2.3	2.0	29.3	24.0	7.2
Northern America ²	226	252	272	277	296	1.1	.9	.7	15.2	12.5	8.6
Europe ²	460	484	497	499	510	.5	.3	.2	18.8	12.1	10.6
Soviet Union ⁴	243	266	286	291	312	.9	.7	.7	16.2	10.6	9.4
Oceania ²	19	23	26	26	30	1.6	1.5	1.3	19.8	17.7	8.1
Australia and New Zealand ⁴	15	18	20	20	22	1.4	1.2	1.0	15.6	14.0	8.3
Less developed regions	4	5	6	6	8	2.5	2.4	2.2	34.0	29.4	9.5

X Not applicable. ¹ Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. countries, see table 1405. ⁴ More developed region.

Source: U.S. Bureau of the Census, *World Population Profile, 1989*, forthcoming.

² Less developed regions. ³ For component

Population and Area

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NO. 1403. POPULATION AND AREA, BY REGION AND COUNTRY, 1980 AND 1988, AND PROJECTIONS, 1990 AND 2000

[Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of mid-1988. See table 1405 for country components of regions. See text, section 31, for general comments concerning the data. For details of methodology, coverage, and reliability, see sources. Minus sign (-) indicates decrease]

COUNTRY	MIDYEAR POPULATION					Rank, 1988	Annual percent change ¹	Per sq. mile, 1988	Area ² (sq. mile)			
	Number (1,000)				1980- 1990		1990- 2000					
	1980	1988	1990, proj.	2000, proj.								
World total.....	4,476,499	5,142,912	5,319,635	6,240,667	(x)	1.7	1.6	101	52,448,631			
Africa.....	492,995	621,988	660,015	886,688	(x)	2.9	3.0	56	11,682,673			
Northern America ³	251,941	272,249	277,020	296,347	(x)	.9	.7	33	8,308,588			
Latin America.....	364,655	435,929	454,627	550,690	(x)	2.2	1.9	57	7,930,816			
Middle America.....	92,905	111,510	116,328	141,491	(x)	2.2	2.0	121	983,397			
Caribbean.....	29,432	32,924	33,893	39,042	(x)	1.4	1.4	367	92,376			
South America.....	242,318	291,494	304,405	370,157	(x)	2.3	2.0	44	6,875,043			
East Asia.....	1,181,034	1,303,707	1,334,093	1,480,966	(x)	1.2	1.0	293	4,550,909			
South Asia.....	1,412,485	1,700,449	1,777,339	2,174,224	(x)	2.3	2.0	289	6,146,724			
Europe.....	484,366	496,625	499,353	510,290	(x)	.3	.2	265	1,881,870			
Soviet Union.....	266,410	286,435	290,939	311,637	(x)	.9	.7	34	8,649,496			
Oceania.....	22,614	25,529	26,250	29,824	(x)	1.5	1.3	8	3,287,606			
COUNTRIES												
United States.....	227,757	246,043	250,372	267,987	4	.9	.7	69	3,618,769			
Afghanistan.....	14,985	14,481	15,592	24,601	54	.4	4.5	62	249,999			
Albania.....	2,671	3,147	3,268	3,792	110	2.0	1.5	294	11,100			
Algeria.....	18,650	24,195	25,714	33,705	34	3.1	2.7	28	919,487			
Andorra.....	34	49	52	62	187	4.4	1.7	290	180			
Angola.....	6,796	8,236	8,802	11,487	73	2.6	2.7	18	481,351			
Antigua and Barbuda.....	69	64	64	66	182	-.7	-.7	590	108			
Argentina.....	28,237	31,533	32,291	36,036	28	1.3	1.1	30	1,068,297			
Aruba.....	60	62	63	63	183	-.4	(2)	895	75			
Australia.....	14,616	16,260	16,643	18,468	49	1.3	1.0	6	2,967,894			
Austria.....	7,549	7,577	7,595	7,662	77	-.1	.1	235	32,368			
Bahamas, The.....	211	243	251	294	158	1.8	1.6	47	5,380			
Bahrain.....	348	480	512	650	142	3.9	2.4	1,982	261			
Bangladesh.....	88,077	109,964	115,753	144,852	9	2.7	2.2	2,082	55,598			
Barbados.....	252	257	260	279	168	-.3	-.7	1,564	166			
Belgium.....	9,847	9,881	9,895	9,932	68	(2)	(2)	838	11,792			
Belize.....	147	172	180	226	164	2.0	2.3	20	8,866			
Benin.....	3,435	4,497	4,840	7,082	96	3.4	3.8	111	43,483			
Bhutan.....	1,281	1,503	1,566	1,908	125	2.0	2.0	87	18,000			
Bolivia.....	5,395	6,448	6,730	8,218	87	2.2	2.0	16	424,162			
Botswana.....	903	1,190	1,276	1,794	130	3.5	3.4	6	231,804			
Brazil.....	123,180	150,885	157,940	195,244	6	2.5	2.1	48	3,286,524			
Brunei.....	185	317	372	562	154	7.0	4.1	166	2,235			
Bulgaria.....	8,844	8,967	8,878	9,046	68	-.2	-.1	210	42,823			
Burkina.....	7,088	8,486	8,941	11,814	71	2.3	2.8	95	92,741			
Burma.....	39,533	39,832	41,279	49,772	24	2.1	1.9	158	261,217			
Burundi.....	4,120	5,156	5,474	7,315	91	2.8	2.9	509	10,747			
Cambodia.....	5,692	6,686	6,993	8,511	85	2.1	2.0	100	69,898			
Cameroon.....	8,576	10,532	11,109	14,471	81	2.6	2.6	61	183,567			
Canada.....	24,070	26,088	26,527	29,233	31	1.0	-.6	7	3,849,656			
Cape Verde.....	296	354	375	505	148	2.4	3.0	241	1,560			
Central African Republic.....	2,289	2,736	2,879	3,705	114	2.4	2.5	12	240,534			
Chad.....	4,018	4,778	5,053	6,274	95	2.3	2.2	10	495,998			
Chile.....	11,094	12,638	13,016	14,798	56	1.5	1.3	45	292,257			
China: Mainland.....	983,379	1,088,169	1,114,512	1,242,289	1	1.3	1.1	301	3,705,390			
Taiwan.....	17,788	20,004	20,454	22,304	41	1.4	-.9	1,642	12,458			
Colombia.....	26,518	31,299	32,598	38,800	30	2.1	1.7	74	439,735			
Comoros ⁴	334	429	480	858	144	3.2	3.5	549	838			
Congo.....	1,620	2,154	2,305	3,208	120	3.5	3.3	17	132,046			
Costa Rica.....	2,307	2,888	3,039	3,743	112	2.8	2.1	155	19,575			
Cuba.....	9,653	10,354	10,548	11,420	63	2.8	2.8	239	44,197			
Cyprus.....	627	692	708	775	139	1.2	-.8	198	3,572			
Czechoslovakia.....	15,255	15,621	15,695	16,204	50	3.3	3.8	318	49,371			
Denmark.....	5,123	5,126	5,134	5,165	92	(2)	-.1	309	16,832			
Djibouti.....	279	320	337	440	153	1.9	2.6	40	8,494			
Dominica.....	75	83	86	103	176	1.3	1.8	295	291			
Dominican Republic.....	5,826	7,137	7,501	9,404	81	2.5	2.3	399	18,816			
East Germany.....	16,737	16,597	16,578	16,539	46	-.1	(2)	397	41,768			
Ecuador.....	8,123	10,232	10,790	13,641	64	2.8	2.3	99	109,483			
Egypt.....	42,239	53,348	56,219	71,169	20	2.9	2.4	145	386,860			
El Salvador.....	4,680	5,389	5,659	7,163	90	1.8	2.4	697	8,124			
Equatorial Guinea.....	262	347	380	443	149	3.2	2.1	33	10,830			
Ethiopia.....	38,663	46,265	51,375	71,132	22	2.9	3.3	109	471,775			
Fiji.....	631	741	772	925	137	2.0	1.8	109	7,095			
Finland.....	4,780	4,950	4,977	5,049	94	.4	-.1	38	130,159			
France.....	53,870	55,798	56,184	57,884	17	1.4	-.3	266	211,207			
Gabon.....	806	1,052	1,068	1,232	132	2.8	1.4	10	103,346			
Gambia, The.....	644	779	820	1,071	135	2.4	2.7	188	4,361			
Ghana.....	10,842	14,380	15,234	20,481	55	3.4	3.0	165	92,100			
Greece.....	9,643	10,015	10,066	10,271	65	-.4	-.2	198	50,944			
Grenada.....	90	84	84	92	175	-.7	-.9	634	8,133			
Guatemala.....	7,132	8,831	9,249	11,373	69	2.6	2.1	220	42,000			
Guinea.....	5,484	6,809	7,269	9,233	83	2.8	2.4	77	94,964			

See footnotes at end of table.

No. 1403. POPULATION AND AREA, BY REGION AND COUNTRY, 1980 AND 1988, AND PROJECTIONS, 1990 AND 2000—Continued

[See headnote p. 813]

COUNTRY	MIDYEAR POPULATION							Area ² (sq. mile)	
	Number (1,000)				Rank, 1988	Annual percent change ¹			
	1980	1988	1990, proj.	2000, proj.		1980– 1990	1990– 2000		
Guinea-Bissau.....	789	951	998	1,262	134	2.3	2.3	71	
Guyana.....	759	766	765	821	136	.1	.7	9	
Haiti.....	5,473	6,296	6,509	7,670	88	1.7	1.6	608	
Honduras.....	3,778	4,972	5,286	6,857	93	3.4	2.6	122	
Hungary.....	10,711	10,588	10,546	10,477	60	-2	-1	294	
Iceland.....	228	247	250	268	157	.9	.7	6	
India ^a	688,994	816,828	850,067	1,013,280	2	2.1	1.8	670	
Indonesia.....	154,936	184,016	191,266	226,619	5	2.1	1.7	244	
Iran.....	39,167	51,924	55,249	73,901	21	3.4	2.9	87	
Iraq.....	13,201	17,583	18,868	26,491	44	3.6	3.4	112	
Ireland.....	3,407	3,532	3,523	3,509	104	.3	(2)	130	
Israel.....	3,737	4,297	4,445	5,165	98	1.7	1.5	556	
Italy.....	56,451	57,456	57,657	58,499	15	.2	.1	496	
Ivory Coast.....	8,235	11,185	12,070	17,329	58	3.8	3.6	97	
Jamaica.....	2,228	2,458	2,513	2,933	117	1.2	1.5	592	
Japan.....	116,807	122,626	123,749	128,860	7	-.6	.4	861	
Jordan.....	2,152	2,850	3,065	4,372	113	3.5	3.6	88	
Kenya.....	16,710	23,342	25,393	38,306	37	4.2	4.1	113	
Kiribati.....	58	68	70	81	179	1.9	1.5	252	
Kuwait.....	1,370	1,938	2,083	2,739	123	4.2	2.7	303	
Laos.....	3,292	3,850	4,024	4,984	102	2.0	2.1	44	
Lebanon.....	9,266	3,338	3,392	4,084	108	.4	1.9	848	
Lesotho.....	1,348	1,686	1,757	2,247	125	2.7	2.5	149	
Liberia.....	1,899	2,483	2,628	3,604	116	3.2	3.2	61	
Libya.....	3,028	3,956	4,206	5,559	101	3.3	2.8	6	
Liechtenstein.....	25	28	28	30	194	1.2	.5	456	
Luxembourg.....	364	366	366	365	147	.1	(2)	367	
Madagascar.....	8,899	11,073	11,602	16,189	59	3.1	3.2	52	
Malawi.....	6,008	7,679	8,198	11,446	76	3.1	3.3	179	
Malaysia.....	13,784	16,398	17,053	20,225	48	2.1	1.7	133	
Maldives.....	154	203	219	318	159	3.5	3.7	1,904	
Mali.....	6,985	8,686	9,182	12,283	70	2.7	2.9	115	
Malta.....	364	389	373	382	146	.3	.5	4,088	
Mauritania.....	1,535	1,919	2,038	2,777	124	2.8	3.1	5	
Mauritius.....	964	1,100	1,141	1,328	131	1.7	1.5	1,585	
Mexico.....	70,111	83,528	86,888	104,458	11	2.1	1.8	781,601	
Monaco.....	27	29	29	32	193	1.0	.7	29,453	
Mongolia.....	1,662	2,088	2,185	2,837	121	2.7	2.6	4	
Morocco.....	20,545	24,976	26,249	33,274	32	2.5	2.4	152	
Mozambique.....	12,103	14,948	15,830	21,145	52	2.7	2.9	52	
Nauru.....	8	9	8	10	204	1.8	1.3	1,150	
Nepal.....	14,988	18,252	19,158	24,360	43	2.5	2.4	352	
Netherlands.....	14,144	14,716	14,864	15,458	53	.5	.4	943	
New Zealand.....	3,113	3,343	3,402	3,649	107	.9	.7	33	
Nicaragua.....	2,793	3,407	3,606	4,743	105	2.6	2.7	72	
Niger.....	5,563	7,214	7,691	10,571	80	3.2	3.2	489,189	
Nigeria.....	90,036	111,904	118,865	160,930	8	2.8	3.0	338	
North Korea.....	17,892	21,984	23,059	26,388	39	2.5	2.1	493	
Norway.....	4,086	4,191	4,214	4,291	99	.3	.2	34	
Oman.....	894	1,285	1,345	1,821	128	3.1	3.0	16	
Pakistan ^a	85,219	107,467	113,163	145,268	10	2.8	2.5	365	
Panama.....	1,956	2,324	2,423	2,928	119	2.1	1.9	81	
Papua New Guinea.....	2,991	3,650	3,824	4,774	103	2.5	2.2	21	
Paraguay.....	3,379	4,386	4,660	6,022	97	3.2	2.6	30	
Peru.....	17,295	21,269	22,353	28,126	40	2.6	2.3	496,222	
Philippines.....	50,866	63,198	68,647	85,527	13	2.7	2.5	575	
Poland.....	35,578	37,958	38,383	39,926	26	.8	.4	318	
Portugal.....	9,778	10,388	10,528	11,031	62	.7	.5	296	
Qatar.....	231	328	353	480	152	4.3	3.1	83	
Romania.....	22,201	23,041	23,269	24,381	38	.5	.5	254	
Rwanda.....	5,281	7,058	7,603	11,020	82	3.6	3.7	748	
Saint Christopher and Nevis.....	44	37	35	35	191	-2.2	-1	350	
Saint Lucia.....	115	137	143	180	167	2.2	2.3	599	
Saint Vincent and The Grenadines.....	86	107	110	122	171	1.2	1.1	734	
San Marino.....	21	23	23	25	196	.9	.8	974	
Sao Tome and Principe.....	94	117	125	170	169	2.8	3.1	335	
Saudi Arabia.....	10,150	15,452	16,758	23,154	51	5.0	3.2	20	
Senegal.....	5,738	7,261	7,740	10,605	79	3.0	3.1	102	
Seychelles.....	63	69	71	83	178	1.1	1.6	656	
Sierra Leone.....	3,816	3,963	4,188	5,403	100	2.3	2.6	150	
Singapore.....	2,414	2,845	2,703	2,939	115	1.1	.8	11,309	
Solomon Islands.....	233	312	335	469	155	3.7	3.4	29	
Somalia.....	6,110	7,990	8,415	10,387	74	3.2	2.1	34	
South Africa.....	29,136	35,094	36,696	45,267	27	2.3	2.1	78	
South Korea.....	38,124	42,773	43,919	49,509	23	1.4	1.2	1,155	
Soviet Union.....	296,410	286,435	290,939	311,837	3	.9	.7	38,031	
Spain.....	37,488	39,210	39,823	41,480	25	.8	.5	203	
Sri Lanka.....	14,900	16,840	17,096	19,399	45	1.4	1.3	675	
Sudan.....	18,882	24,014	25,037	33,393	35	2.8	2.9	26	
Suriname.....	355	395	408	482	145	1.4	1.7	6,037	
Swaziland.....	584	735	779	1,054	138	2.9	3.0	116	
Sweden.....	8,310	8,393	8,407	8,382	72	.1	(2)	48	
Switzerland.....	6,385	6,593	6,628	6,700	66	.4	.1	416	

See footnotes at end of table.

NO. 1403. POPULATION AND AREA, BY REGION AND COUNTRY, 1980 AND 1988, AND PROJECTIONS, 1990 AND 2000—Continued

[See headnote p. 813]

COUNTRY	MIDYEAR POPULATION							Area, ^a (sq. miles)	
	Number (1,000)			Rank, 1988	Annual percent change ¹		Per sq. mile, 1988		
	1980	1988	1990, proj.		1980– 1990	1990– 2000			
Syria.....	8,692	11,570	12,471	18,157	.57	3.6	3.8	174 71,498	
Tanzania.....	18,804	24,295	25,994	36,587	33	3.2	3.4	71 383,947	
Thailand.....	46,926	54,589	56,449	65,518	18	1.8	1.5	284 196,772	
Togo.....	2,598	3,336	3,568	4,842	109	3.2	3.3	162 22,000	
Tonga.....	93	100	101	115	172	.9	.8	263 385	
Trinidad and Tobago.....	1,058	1,220	1,270	1,538	129	1.8	1.9	841 1,980	
Tunisia.....	6,462	7,738	8,095	9,940	75	2.3	2.1	128 301,381	
Turkey.....	45,121	54,188	56,549	68,565	19	2.3	1.9	188 10	
Tuvalu.....	7	8	9	10	208	1.6	1.5	877 91,075	
Uganda.....	12,766	16,447	17,593	24,662	47	3.2	3.4	193 32,278	
United Arab Emirates.....	1,000	1,980	2,250	3,589	122	8.1	4.7	70 94,200	
United Kingdom.....	56,314	56,938	57,121	57,649	16	.1	.1	808 68,037	
Uruguay.....	2,890	2,978	3,002	3,164	111	.4	.5	44 5,700	
Vanuatu.....	117	155	165	221	165	3.4	2.9	56 352,143	
Venezuela.....	15,024	18,776	19,753	24,682	42	2.7	2.2	538 127,300	
Vietnam.....	53,824	65,185	68,488	86,012	12	2.4	2.3	535 66,976	
West Germany.....	61,561	60,980	60,977	60,688	14	-.1	(2)	635 1,193	
Western Samoa.....	155	178	188	235	163	1.8	2.3	164 124,698	
Yemen (Aden).....	1,920	2,428	2,585	3,581	118	3.0	3.3	21 75,000	
Yemen (Sanaa).....	5,404	6,732	7,182	10,023	84	2.8	3.4	85 88,786	
Yugoslavia.....	22,304	23,580	23,864	25,040	36	.7	.5	242 905,583	
Zaire.....	26,682	33,254	35,230	47,940	28	2.6	3.1	39 280,584	
Zambia.....	5,629	7,546	8,112	11,610	78	3.7	3.6	28 151,000	
Zimbabwe.....	7,298	9,729	10,482	15,118	67	3.6	3.7	89 517	
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
American Samoa.....	32	39	41	49	180	2.4	1.8	541 76	
Anguilla.....	7	7	7	8	207	.7	.8	198 35	
Bermuda.....	57	58	58	59	184	.2	.1	2,917 59	
British Virgin Islands.....	11	12	12	14	202	1.2	1.4	210 100	
Cayman Islands.....	17	23	25	36	195	3.6	3.7	245 93	
Cook Islands.....	18	18	18	19	186	-.3	.5	196 517	
Faroe Islands.....	43	47	48	52	188	-.9	.8	82 840,000	
Federated States of Micronesia.....	73	86	80	108	174	2.1	1.8	931 271	
French Guiana.....	68	92	86	124	173	3.7	2.4	3 35,100	
French Polynesia.....	151	191	202	252	160	2.9	2.2	131 1,544	
Gaza Strip.....	453	578	616	837	140	3.1	3.1	14,651 2	
Gibraltar.....	29	29	29	30	192	(2)	.2	(2) 687	
Greenland.....	50	55	55	52	185	1.1	1.0	501 209	
Guadeloupe.....	327	339	344	386	150	.5	1.1	639 75	
Guam.....	107	130	134	149	168	2.2	1.1	703 408	
Guernsey.....	53	53	53	52	186	-.1	-.2	14,109 227	
Hong Kong.....	5,053	5,651	5,770	8,303	89	1.3	.8	266 45	
Isle of Man.....	64	65	65	66	181	-.1	-.1	1,806 6	
Jersey.....	76	81	81	84	177	.7	.3	74,034 70	
Macao.....	318	432	444	476	143	3.3	2.7	620 425	
Marshall Islands.....	31	41	43	56	189	3.5	2.5	784 145	
Martinique.....	326	330	333	358	151	2	7	639 39	
Mayotte.....	50	67	72	105	180	3.6	3.9	310 318,251	
Montserrat.....	12	12	12	12	201	-.3	-.1	4 703	
Namibia.....	998	1,302	1,400	2,022	127	3.4	3.7	261 8,548	
Netherlands Antilles.....	170	183	183	192	161	.6	.5	18 164	
New Caledonia.....	139	151	154	179	168	1.0	1.4	117 103,000	
Northern Mariana Islands.....	17	21	22	26	197	2.4	1.9	27 533	
Pacific Islands, Trust Territory of the ^c	13	14	14	15	200	.7	.7	994 3,495	
Puerto Rico.....	3,206	3,359	3,415	3,691	108	.6	.8	592 970	
Reunion.....	507	557	574	658	141	1.2	1.4	185 47	
Saint Helena.....	6	9	9	9	205	3.0	.2	68 93	
Saint Pierre and Miquelon.....	6	6	8	7	208	-.5	.3	59 166	
Turks and Caicos Islands.....	7	9	10	12	203	2.7	1.7	871 80	
Virgin Islands.....	98	113	116	132	170	1.7	1.3	187 2,262	
Walls and Futuna.....	11	14	15	18	199	3.2	2.0	459 2,262	
West Bank.....	833	992	1,038	1,309	103	2.2	2.3	2 103,000	
Western Sahara.....	126	181	192	246	162	4.2	2.5	103,000	

^a X not applicable. ^b Z Less than .05 percent or .5. ^c Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. ^d Data from U.S. Central Intelligence Agency, *The World Factbook Nineteen and Eighty-Six*; U.S. Department of State, *Status of the World's Nations*, periodic; and Statistical Office of the United Nations, New York, NY, *Demographic Yearbook*. ^e Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. ^f Excludes Mayotte, an area subject to dispute over sovereignty. ^g Includes the Indian-held part of Jammu and Kashmir. ^h Excludes the Pakistani-held part of Jammu and Kashmir. ⁱ Includes only the Republic of Palau.

Source: Except as noted, U.S. Bureau of the Census, unpublished data.

NO. 1404. WORLD POPULATION, BY AGE GROUP, 1988, AND PROJECTIONS, 2000

In percent. Covers countries with 10 million or more population in 1988. Regional data excludes 28 small countries for which component projections are not available. See table 1405 for country components of regions. Data compiled from the International Data Base; see text, section 31.

COUNTRY	1988				2000			
	Under 5 years old	5 to 14 years old	15 to 64 years old	65 years old and over	Under 5 years old	5 to 14 years old	15 to 64 years old	65 years old and over
World total	11.85	20.91	61.41	5.84	10.79	19.95	62.60	6.88
Africa.....	17.80	27.04	52.29	2.86	16.86	26.96	53.14	3.04
Northern America.....	7.44	14.01	66.33	12.23	6.35	13.86	66.92	12.87
Latin America.....	13.35	23.72	58.43	4.50	11.32	21.54	61.90	5.23
Middle America.....	13.83	28.12	56.19	3.98	11.61	21.90	61.88	4.80
Caribbean.....	11.58	20.66	61.66	6.10	10.12	19.66	63.81	6.42
South America.....	13.37	23.15	58.92	4.56	11.34	21.60	61.71	5.35
East Asia.....	8.74	18.05	67.24	5.97	7.86	15.71	68.45	7.98
South Asia.....	14.40	24.13	58.07	3.40	12.32	22.71	60.90	4.07
Europe.....	6.43	13.59	66.77	13.22	6.13	12.60	66.29	14.97
Soviet Union.....	9.41	16.61	64.86	9.12	7.87	16.26	64.37	11.51
Oceania.....	9.25	17.57	64.15	9.03	8.63	16.71	64.99	9.87
COUNTRIES								
United States.....	7.46	14.03	66.17	12.34	6.40	13.94	66.81	12.85
Afghanistan.....	16.83	26.80	53.98	2.61	16.02	25.87	55.29	2.82
Algeria.....	17.02	27.51	52.02	3.45	13.72	25.90	56.75	3.63
Argentina.....	10.04	20.04	61.06	8.91	9.12	17.42	63.62	9.84
Australia.....	7.59	15.14	66.53	10.74	7.11	14.43	66.85	11.82
Bangladesh.....	16.94	26.40	53.70	2.96	13.43	25.01	58.24	3.32
Brazil.....	13.96	23.80	58.44	4.01	11.77	22.21	61.10	4.92
Burma.....	14.44	23.98	57.84	3.92	12.83	23.20	59.91	4.26
Cameroon.....	17.12	26.80	52.87	3.11	16.25	26.18	54.45	3.12
Canada.....	7.23	13.83	67.82	11.12	5.89	13.09	67.95	13.07
Chile.....	10.38	19.91	63.81	5.89	8.80	17.76	66.37	7.07
China: Mainland.....	8.91	18.34	67.26	5.49	7.94	15.97	68.78	7.32
Taiwan.....	8.82	19.54	66.17	5.67	6.87	14.43	70.52	8.18
Colombia.....	12.53	22.42	61.60	3.45	9.94	20.70	64.94	4.42
Cuba.....	8.05	15.45	68.11	8.38	7.10	15.16	66.56	9.18
Czechoslovakia.....	7.08	16.71	64.71	11.49	7.15	13.49	67.26	12.10
East Germany.....	6.75	12.76	67.32	13.17	5.79	12.73	67.83	13.85
Ecuador.....	15.73	25.57	55.06	3.64	12.64	24.05	59.35	3.98
Egypt.....	16.28	26.27	54.17	3.28	13.29	24.89	58.32	3.70
Ethiopia.....	17.70	28.35	51.39	2.51	17.89	27.50	51.78	2.83
France.....	6.77	13.68	66.00	13.55	6.00	12.88	65.51	15.81
Ghana.....	17.63	25.93	53.43	3.02	16.82	27.33	52.84	3.22
Greece.....	5.96	14.05	66.38	13.62	5.72	11.47	65.32	17.49
Hungary.....	5.91	15.06	66.05	12.98	6.67	12.21	67.09	14.03
India.....	13.60	23.29	59.72	3.39	11.19	21.60	63.08	4.19
Indonesia.....	13.21	24.46	59.57	2.78	10.49	20.85	64.42	4.24
Iran.....	17.88	26.90	52.80	3.32	16.81	26.97	52.45	3.77
Iraq.....	18.90	28.69	49.21	3.20	17.24	28.12	51.77	2.87
Italy.....	5.24	12.50	68.28	13.97	5.86	11.06	66.35	16.73
Ivory Coast.....	18.52	27.75	51.77	1.96	18.26	28.04	51.38	2.32
Japan.....	5.92	13.87	69.15	11.07	6.16	11.41	66.68	15.77
Kenya.....	21.45	30.08	46.40	2.09	20.21	30.46	47.23	2.11
Madagascar.....	18.99	27.02	50.60	3.38	18.19	28.21	50.45	3.14
Malaysia.....	12.73	22.95	60.48	3.84	10.22	20.47	64.96	4.34
Mexico.....	13.11	25.71	57.08	4.10	11.11	21.04	62.93	4.83
Morocco.....	15.36	25.93	54.67	4.05	13.06	24.04	58.47	4.43
Mozambique.....	17.94	26.60	52.65	2.52	17.37	27.29	52.75	2.58
Nepal.....	16.75	26.87	53.59	2.79	16.30	25.42	56.28	3.03
Netherlands.....	6.07	12.26	69.04	12.63	6.01	12.16	67.73	14.10
Nigeria.....	18.00	26.90	53.13	1.97	17.75	26.88	52.65	2.72
North Korea.....	13.81	24.03	58.37	3.80	11.34	22.28	61.67	4.71
Pakistan.....	17.19	25.91	52.85	4.05	16.46	26.20	53.45	3.89
Peru.....	14.85	24.97	56.53	3.65	12.84	23.36	59.58	4.22
Philippines.....	15.60	25.18	55.92	3.30	14.09	24.71	57.42	3.77
Poland.....	8.66	17.00	64.67	9.66	6.79	14.78	66.89	11.57
Portugal.....	8.95	15.43	65.59	12.04	6.55	13.48	66.15	13.82
Romania.....	7.45	16.45	66.13	9.97	7.26	14.70	65.49	12.58
Saudi Arabia.....	15.90	21.15	61.09	1.86	15.55	24.69	57.05	2.71
South Africa.....	14.24	23.96	57.52	4.28	12.63	23.13	59.78	4.48
South Korea.....	9.82	18.92	66.81	4.46	8.83	17.01	68.41	5.95
Soviet Union.....	9.41	16.61	64.86	9.12	7.87	16.26	64.37	11.51
Spain.....	8.23	16.45	65.71	12.61	6.43	12.46	65.57	15.54
Sri Lanka.....	11.08	21.97	62.03	4.92	9.19	18.07	66.48	6.29
Sudan.....	18.32	26.88	51.71	3.11	16.86	27.53	52.45	3.16
Syria.....	18.93	28.71	49.27	3.10	18.45	28.53	50.03	3.00
Tanzania.....	19.80	28.44	48.75	3.01	19.27	28.84	49.23	2.65
Thailand.....	11.56	22.08	62.45	3.01	9.70	18.98	66.14	5.18
Turkey.....	13.54	23.85	58.26	4.34	11.24	21.67	61.87	5.22
Uganda.....	19.49	28.58	49.58	2.35	18.10	28.89	49.78	2.23
United Kingdom.....	8.52	12.22	65.74	15.52	5.88	12.96	65.72	15.43
Venezuela.....	14.26	24.50	57.66	3.58	12.00	22.49	61.09	4.42
Vietnam.....	15.04	25.06	58.29	3.62	12.89	23.98	58.88	4.25
West Germany.....	4.94	9.77	69.95	15.84	5.41	10.88	66.66	17.05
Yugoslavia.....	7.82	15.73	67.72	8.93	6.71	13.92	66.84	12.53
Zaire.....	18.30	27.38	51.56	2.76	17.38	27.57	52.27	2.76

Source: U.S. Bureau of the Census, unpublished data.

No. 1405. VITAL STATISTICS, 1988, AND PROJECTIONS, 2000—SELECTED COUNTRIES

[Covers countries with 5 million or more population in 1988. AFR—Africa, EAS—East Asia, SAS—South Asia, CAR—Caribbean, MAM—Middle America, SAM—South America, NAM—North America, EUR—Europe, SOV—Soviet Union, OCE—Oceania. For region data, see table 1402. Data compiled from the International Data Base; see text, section 31]

COUNTRY	Re-gion	CRUDE BIRTH RATE ^{1,2}		CRUDE DEATH RATE ^{1,2}		EXPECTATION OF LIFE AT BIRTH (yrs.)		INFANT MORTALITY RATE ³		TOTAL FERTILITY RATE ²	
		1988	2000	1988	2000	1988	2000	1988	2000	1988	2000
United States.....	NAM	15.3	12.7	8.8	9.0	75.3	76.7	11	10	1.85	1.86
Afghanistan.....	SAS	44.6	40.3	21.2	16.5	42.2	47.9	176	148	6.54	5.58
Algeria.....	AFR	39.1	28.5	8.3	4.8	64.0	71.0	77	40	5.72	3.78
Angola.....	AFR	46.5	42.6	21.0	16.1	42.8	48.9	164	128	6.72	6.05
Argentina.....	SAM	20.8	19.2	8.7	8.6	70.4	72.3	33	26	2.85	2.50
Australia.....	OCE	15.5	14.0	7.6	8.2	76.1	77.1	8	6	1.92	1.83
Austria.....	EUR	12.1	11.0	11.6	10.6	75.4	77.5	9	5	1.51	1.70
Bangladesh.....	SAS	41.5	30.9	15.3	11.1	61.0	53.9	135	114	5.82	4.00
Belgium.....	EUR	12.1	11.0	11.3	11.1	75.4	76.8	8	6	1.58	1.70
Bolivia.....	SAM	38.2	30.2	13.3	10.4	53.9	55.8	125	105	4.85	3.75
Brazil.....	SAM	30.6	25.1	6.7	5.7	67.0	70.9	60	46	3.87	3.20
Bulgaria.....	EUR	12.9	13.2	12.3	12.7	70.8	72.2	18	14	1.83	1.90
Burkina.....	AFR	47.3	43.6	18.5	13.9	46.6	52.3	141	109	6.56	5.88
Burma.....	SAS	33.8	28.1	13.2	10.8	63.8	57.9	101	80	4.29	3.51
Burundi.....	AFR	47.3	40.5	17.6	12.8	48.5	54.0	115	90	6.55	5.89
Cambodia.....	SAS	39.8	28.8	17.2	11.9	47.7	54.9	134	95	4.64	3.96
Cameroon.....	AFR	42.2	38.3	15.9	12.1	49.6	55.1	126	98	5.82	5.00
Canada.....	NAM	14.5	11.5	7.3	7.8	77.1	79.3	7	5	1.69	1.70
Chile.....	SAM	21.4	17.7	6.4	8.4	71.3	73.6	19	13	2.48	2.21
China: Mainland.....	EAS	19.4	15.2	6.8	6.5	68.8	72.6	35	23	2.22	1.75
Taiwan.....	EAS	16.9	14.0	5.1	5.6	73.3	74.3	19	17	1.79	1.71
Colombia.....	SAM	27.7	19.8	6.7	5.6	65.4	68.5	55	42	3.02	2.25
Cuba.....	CAR	17.2	13.8	7.3	7.5	73.1	74.5	17	14	1.78	1.80
Czechoslovakia.....	EUR	14.1	14.5	11.6	10.8	71.5	73.0	14	11	2.03	1.90
Denmark.....	EUR	11.2	11.5	11.4	11.1	75.3	77.5	7	4	1.51	1.70
Dominican Republic.....	CAR	33.5	26.8	8.2	6.4	62.0	66.6	68	49	3.98	3.25
East Germany.....	EUR	13.5	12.0	13.1	11.7	72.7	73.7	11	9	1.78	1.89
Ecuador.....	SAM	34.7	26.6	7.5	5.9	65.2	68.9	64	47	4.45	3.25
Egypt.....	AFR	37.4	29.1	10.4	7.3	59.3	64.8	96	64	5.25	3.89
El Salvador.....	MAM	36.7	30.2	9.5	7.0	58.8	63.8	86	62	4.77	3.50
Ethiopia.....	AFR	45.4	42.5	14.9	11.4	53.9	58.4	116	88	7.03	6.33
France.....	EUR	13.6	11.7	10.1	9.8	75.7	77.3	9	7	1.80	1.70
Ghana.....	AFR	41.8	38.6	10.3	7.8	59.0	63.9	70	51	5.67	4.75
Greece.....	EUR	11.9	11.4	9.4	9.9	77.0	79.1	12	7	1.69	1.70
Guatemala.....	MAM	35.6	28.5	9.3	7.5	60.4	64.5	65	50	4.98	3.50
Guinea.....	AFR	47.8	39.6	22.6	17.2	41.5	47.0	152	122	6.07	5.46
Haiti.....	SAS	32.7	26.3	12.3	10.0	55.4	59.6	94	75	4.41	3.26
Hong Kong.....	EAS	13.4	11.9	5.0	6.5	78.0	79.3	7	5	1.40	1.70
Hungary.....	EUR	12.1	13.7	14.1	13.4	69.1	71.1	20	15	1.85	1.90
India.....	SAS	31.2	24.1	10.9	8.6	56.9	62.1	94	87	3.97	3.00
Indonesia.....	SAS	29.1	22.3	9.3	7.0	58.4	65.4	83	58	3.50	2.58
Iran.....	SAS	45.0	39.8	12.7	9.5	56.8	61.8	113	94	6.29	5.87
Iraq.....	SAS	45.0	38.9	9.6	7.1	61.7	65.5	86	72	7.14	5.50
Italy.....	EUR	11.0	11.6	9.9	10.5	76.7	78.0	8	6	1.48	1.70
Ivory Coast.....	AFR	46.2	42.7	13.1	9.9	52.9	58.3	104	78	6.69	6.03
Japan.....	EAS	11.9	12.6	7.1	9.0	77.8	78.5	6	6	1.79	1.78
Kenya.....	AFR	51.5	46.4	9.3	6.4	60.6	65.6	72	50	7.88	6.86
Madagascar.....	AFR	47.1	42.7	15.5	11.5	51.3	56.7	101	78	6.94	6.25
Malawi.....	AFR	50.1	46.4	17.8	13.3	47.6	53.0	134	105	7.68	6.79
Malaysia.....	SAS	26.5	20.9	6.5	5.6	67.0	70.5	33	21	3.03	2.45
Mali.....	AFR	49.1	44.3	20.5	15.5	45.3	51.0	153	129	6.59	5.93
Mexico.....	MAM	27.9	23.1	5.8	5.1	69.7	73.1	44	32	3.30	2.54
Morocco.....	AFR	35.1	28.1	9.0	5.8	63.0	69.8	82	58	4.86	3.46
Mozambique.....	AFR	46.8	42.1	18.5	14.2	45.8	51.9	145	114	6.49	5.84
Namibia.....	AFR	44.8	41.0	10.4	7.4	59.1	64.1	74	52	6.64	5.97
Nepal.....	SAS	40.1	35.6	15.9	11.7	49.2	55.2	103	83	5.79	4.88
Netherlands.....	EUR	12.7	11.6	8.6	8.9	77.1	78.8	8	5	1.55	1.70
Niger.....	AFR	49.5	44.6	17.6	13.3	48.5	53.8	139	117	6.80	6.12
Nigeria.....	AFR	46.1	43.1	17.0	13.7	47.7	52.8	122	103	6.54	5.99
North Korea.....	EAS	29.8	23.3	5.4	4.9	69.6	72.5	33	26	3.59	2.84
Pakistan.....	SAS	43.2	38.9	14.5	11.8	53.9	57.8	121	106	6.57	5.77

See footnotes at end of table.

Comparative International Statistics

NO. 1405. VITAL STATISTICS, 1988, AND PROJECTIONS, 2000—SELECTED COUNTRIES—Continued

[See headnote p. 817]

COUNTRY	Re-gion	CRUDE BIRTH RATE ¹		CRUDE DEATH RATE ¹		EXPECTATION OF LIFE AT BIRTH (yrs.)		INFANT MORTALITY RATE ³		TOTAL FERTILITY RATE ²	
		1988	2000	1988	2000	1988	2000	1988	2000	1988	2000
Peru.....	SAM	34.3	28.2	9.2	7.0	61.5	66.3	88	69	4.46	3.50
Philippines.....	SAS	34.8	30.4	6.8	5.8	65.6	68.7	49	37	4.66	4.12
Poland.....	EUR	16.8	13.8	10.4	10.3	70.2	71.8	21	17	2.27	1.90
Portugal.....	EUR	14.5	12.8	9.5	8.6	74.1	76.1	16	11	1.83	1.70
Puerto Rico.....	CAR	18.8	17.4	6.5	6.2	74.9	76.0	17	13	2.13	2.05
Romania.....	EUR	16.0	14.3	10.6	10.7	70.2	71.7	25	20	2.25	1.90
Rwanda.....	AFR	53.2	47.9	15.9	11.5	50.9	56.3	119	91	8.49	7.65
Saudi Arabia.....	SAS	38.2	35.4	7.1	4.9	64.1	70.6	76	51	6.88	6.46
Senegal.....	AFR	46.0	43.8	15.8	11.9	51.6	57.1	98	82	6.60	6.00
Somalia.....	AFR	47.0	41.9	15.3	11.1	52.2	58.8	131	100	7.29	6.55
South Africa.....	AFR	31.8	26.9	9.4	7.7	61.1	65.3	65	47	4.12	3.42
South Korea.....	EAS	20.5	17.4	6.3	6.1	68.0	72.4	25	15	2.22	2.11
Soviet Union.....	SOV	18.8	16.2	10.6	9.4	68.9	73.2	25	18	2.45	2.27
Spain.....	EUR	13.1	12.8	8.3	9.2	77.1	78.5	11	8	1.74	1.70
Sri Lanka.....	SAS	22.4	19.0	5.8	5.7	70.4	73.4	28	19	2.57	2.22
Sudan.....	AFR	44.4	38.7	14.4	10.7	52.4	57.8	101	76	6.52	5.52
Sweden.....	EUR	11.7	10.8	11.5	11.8	77.3	78.6	6	5	1.73	1.70
Switzerland.....	EUR	11.5	10.4	9.5	10.7	78.0	78.5	6	5	1.55	1.70
Syria.....	SAS	43.6	40.9	6.3	4.2	67.5	72.1	42	30	6.85	6.00
Tanzania.....	AFR	49.9	46.0	16.3	12.0	50.6	56.1	111	86	7.09	6.39
Thailand.....	SAS	24.6	20.2	7.4	6.8	64.8	68.4	52	38	2.80	2.29
Tunisia.....	AFR	29.3	23.9	8.4	5.1	68.9	72.8	46	29	4.08	3.01
Turkey.....	SAS	30.4	23.9	8.5	6.5	63.7	68.8	83	54	3.84	2.90
Uganda.....	AFR	49.0	44.8	15.7	11.6	49.8	55.0	101	77	7.02	6.32
United Kingdom.....	EUR	13.5	11.2	11.8	11.2	75.1	76.9	9	6	1.77	1.70
Venezuela.....	SAM	30.6	25.4	5.5	5.4	69.4	71.2	39	34	3.76	3.13
Vietnam.....	SAS	33.7	26.8	8.1	5.8	63.4	69.1	53	33	4.38	3.27
West Germany.....	EUR	10.8	10.3	11.7	11.7	75.8	77.2	8	5	1.37	1.70
Yemen (Sana'a).....	SAS	52.6	50.2	18.2	13.2	47.7	54.0	135	101	7.71	7.00
Yugoslavia.....	EUR	16.5	13.6	9.2	9.7	71.6	73.0	26	21	2.03	1.90
Zaire.....	AFR	44.9	40.8	14.2	10.6	52.2	57.6	109	82	6.23	6.60
Zambia.....	AFR	49.6	43.9	12.5	9.1	55.1	60.4	85	63	7.00	6.30
Zimbabwe.....	AFR	47.0	42.2	9.8	6.3	60.1	65.4	70	47	6.53	5.74

¹ Per 1,000 population. ² For definition, see headnote, table 1402. ³ Number of deaths of children under 1 year of age per 1,000 live births in a calendar year.

Source: U.S. Bureau of the Census, unpublished data.

NO. 1406. POPULATION OF THE WORLD'S 100 LARGEST URBAN AREAS, 1960 TO 1985, AND PROJECTIONS, 1990 AND 2000

[In millions. The 100 largest cities are large urban agglomerations, composed, in most cases, of the central city, adjacent smaller cities and towns, and suburbs. City boundaries depend on local administrative boundaries, population densities, types of economic activity and other characteristics. Rankings depend on the population living within the urban agglomeration boundaries as determined by local and national governments. Rankings would not necessarily be the same if uniform criteria were used. The estimates for the Chinese cities should be considered tentative.]

CITIES RANKED BY POPULATION SIZE, 1985	1960	1970	1975	1980	1985	1990, proj.	2000, proj.
Tokyo/Yokohama, Japan.....	10.7	14.9	16.4	17.7	19.0	20.5	21.3
Mexico City, Mexico.....	4.9	8.7	11.1	14.0	18.7	19.4	24.4
New York, U.S.....	14.2	16.2	15.9	15.6	15.6	15.7	16.1
Sao Paulo, Brazil.....	4.7	8.1	10.1	12.5	15.5	18.4	23.6
Shanghai, China: Mainland.....	10.7	11.4	11.6	11.8	12.1	12.6	14.7
Buenos Aires, Argentina.....	6.7	8.3	9.1	9.9	10.8	11.6	13.1
London, England.....	10.7	10.8	10.4	10.4	10.5	10.6	10.8
Calcutta, India.....	5.5	6.8	7.9	8.0	10.3	11.8	15.9
Rio De Janeiro, Brazil.....	4.9	7.0	8.0	9.0	10.1	11.1	13.0
Seoul, South Korea.....	2.4	5.3	6.8	8.3	10.1	11.3	13.0
Los Angeles, U.S.....	6.5	8.4	8.9	9.5	10.0	10.5	10.9
Osaka/Kobe, Japan.....	5.8	7.6	8.0	8.7	9.6	10.5	11.2
Greater Bombay, India.....	4.1	5.8	6.9	8.1	9.5	11.1	15.4
Beijing, China: Mainland.....	7.3	8.3	8.9	9.1	9.3	9.7	11.5
Moscow, Soviet Union.....	6.3	7.1	7.6	8.2	8.8	9.4	10.1
Paris, France.....	7.2	8.3	8.6	8.7	8.8	8.8	8.8
Tianjin, China: Mainland.....	6.0	8.9	7.4	7.7	8.0	8.4	10.0
Cairo/Giza, Egypt.....	3.7	5.3	6.1	6.9	7.9	9.1	11.8
Jakarta, Indonesia.....	2.7	4.3	5.3	6.4	7.8	9.4	13.2
Milan, Italy.....	4.5	5.5	6.1	6.8	7.5	7.8	8.7

See footnotes at end of table.

NO. 1406. POPULATION OF THE WORLD'S 100 LARGEST URBAN AREAS, 1960 TO 1985, AND PROJECTIONS, 1990 AND 2000—Continued

[See headnote p. 818]

CITIES RANKED BY POPULATION SIZE, 1985	1960	1970	1975	1980	1985	1990, proj.	2000, proj.
Teheran, Iran.....	1.9	3.3	4.3	5.6	7.2	9.2	13.7
Manila/Quezon, Philippines.....	2.3	3.5	5.0	6.0	7.1	8.4	11.5
Delhi, India.....	2.3	3.5	4.4	5.5	7.0	8.6	12.8
Chicago, U.S.....	6.0	6.7	6.8	6.8	6.8	6.9	7.0
Karachi, Pakistan.....	1.9	3.1	4.0	5.0	6.2	7.7	11.6
Bangkok, Thailand.....	2.2	3.1	3.8	4.8	5.9	7.2	10.3
Lagos, Nigeria.....	.8	2.0	3.3	4.5	5.8	7.6	12.5
Lima—Callao, Peru.....	1.7	2.8	3.6	4.4	5.4	6.5	8.8
Hong Kong, Hong Kong.....	2.6	3.4	3.9	4.5	5.2	5.4	6.1
Leningrad, Soviet Union.....	3.5	4.0	4.3	4.7	5.1	5.4	5.8
Madras, India.....	1.7	3.0	3.6	4.2	4.9	5.7	7.9
Madrid, Spain.....	2.2	3.4	3.8	4.3	4.8	5.1	5.4
Dacca, Bangladesh.....	.7	1.5	2.3	3.3	4.8	6.4	11.3
Bogota, Colombia.....	1.3	2.4	3.1	3.8	4.7	5.6	6.9
Baghdad, Iraq.....	1.0	2.1	2.7	3.5	4.4	5.4	7.7
Naples, Italy.....	3.2	3.6	3.8	4.0	4.3	4.3	4.5
Santiago, Chile.....	2.0	2.8	3.2	3.7	4.2	4.7	5.8
Philadelphia, U.S.....	3.6	4.0	4.1	4.1	4.2	4.2	4.3
Shenyang, China.....	2.5	3.1	3.5	3.8	4.1	4.5	5.5
Pusan, South Korea.....	1.2	1.8	2.4	3.1	4.0	4.8	5.8
Detroit, U.S.....	3.6	4.0	3.9	3.8	3.8	3.9	3.9
Bangalore, India.....	1.2	1.6	2.1	2.8	3.7	4.9	7.7
Rome, Italy.....	2.3	3.1	3.3	3.5	3.7	3.7	3.8
Sydney, Australia.....	2.1	2.7	3.0	3.3	3.6	3.8	4.1
Caracas, Venezuela.....	1.3	2.1	2.5	2.9	3.5	4.0	4.8
Wuhan, China: Mainland.....	2.2	2.7	3.0	3.2	3.4	3.7	4.5
Lahore, Pakistan.....	1.3	2.0	2.4	2.9	3.4	4.1	5.9
Katowice, Poland.....	2.4	2.8	2.9	3.2	3.4	3.6	3.9
Guangzhou, China: Mainland.....	1.9	2.5	2.8	3.1	3.3	3.6	4.5
San Francisco, U.S.....	2.4	3.0	3.1	3.2	3.3	3.4	3.5
Barcelona, Spain.....	2.0	2.7	2.9	3.1	3.3	3.3	3.4
Belo Horizonte, Brazil.....	.9	1.6	2.0	2.5	3.2	3.8	5.0
Toronto, Canada.....	1.7	2.5	2.8	3.0	3.2	3.3	3.6
Melbourne, Australia.....	1.9	2.3	2.6	2.8	3.0	3.1	3.3
Birmingham, United Kingdom.....	2.7	2.8	2.9	2.9	3.0	3.0	3.1
Ahmedabad, India.....	1.2	1.7	2.0	2.5	3.0	3.8	5.1
Hyderabad, India.....	1.2	1.8	2.1	2.5	2.9	3.5	4.9
Istanbul, Turkey.....	1.5	2.8	2.9	2.9	2.9	3.0	3.3
Ankara, Turkey.....	.6	1.3	1.7	2.2	2.9	3.6	5.2
Washington, D.C., U.S.....	1.8	2.5	2.6	2.8	2.9	3.0	3.2
Alexandria, Egypt.....	1.5	2.0	2.2	2.5	2.9	3.3	4.3
Montreal, Canada.....	2.0	2.7	2.8	2.8	2.9	2.9	3.6
Houston, U.S.....	1.2	1.7	2.0	2.4	2.8	3.2	3.6
Ho Chi Minh Village, Viet Nam.....	1.3	2.0	2.2	2.5	2.8	3.2	4.4
Athens, Greece.....	1.8	2.1	2.3	2.5	2.8	2.8	3.2
Chongqing, China: Mainland.....	2.2	2.5	2.6	2.7	2.7	2.8	3.4
Rangoon, Burma.....	1.0	1.4	1.8	2.2	2.7	3.2	4.5
Boston, U.S.....	2.4	2.7	2.7	2.7	2.7	2.7	2.8
Alger, Algeria.....	.9	1.2	1.6	2.1	2.7	3.4	5.2
Chengdu, China: Mainland.....	1.1	1.6	2.0	2.4	2.7	3.1	4.0
Casablanca, Morocco.....	1.1	1.5	1.8	2.2	2.7	3.3	4.6
Porto Alegre, Brazil.....	1.0	1.5	1.8	2.2	2.7	3.1	3.9
Recife, Brazil.....	1.2	1.8	2.0	2.3	2.7	3.0	3.6
Dallas, U.S.....	1.2	2.0	2.2	2.5	2.7	2.9	3.1
Guadalajara, Mexico.....	.9	1.5	1.9	2.3	2.7	3.1	3.9
Harbin, China.....	1.6	2.0	2.2	2.4	2.6	2.9	3.6
Kiev, Soviet Union.....	1.2	1.7	1.9	2.2	2.6	2.9	3.4
Kinshasa, Zaire.....	.5	1.4	1.8	2.2	2.6	3.0	4.4
Singapore, Singapore.....	1.2	1.6	1.9	2.4	2.6	2.7	3.0
Manchester, United Kingdom.....	2.5	2.5	2.5	2.5	2.5	2.6	2.6
Tiabel, China.....	1.0	1.5	1.8	2.2	2.5	2.9	3.8
Monterrey, Mexico.....	.9	1.2	1.6	2.0	2.4	2.9	3.8
Zibo, China.....	.8	1.3	1.7	2.0	2.4	2.8	3.8
Turin, Italy.....	1.3	1.6	1.8	2.1	2.3	2.5	2.8
Surabala, Indonesia.....	1.0	1.5	1.7	2.0	2.3	2.7	3.7
Xian, China.....	1.3	1.7	2.0	2.1	2.3	2.5	3.1
Hamburg, West Germany.....	2.1	2.2	2.2	2.2	2.2	2.2	2.2
Bucuresti, Romania.....	1.4	1.7	1.9	2.1	2.2	2.3	2.6
Liupanshui, China.....	1.2	1.7	1.9	2.0	2.2	2.4	3.0
Munich, West Germany.....	1.3	1.7	1.9	2.1	2.2	2.3	2.3
Salvador, Brazil.....	.7	1.1	1.4	1.8	2.2	2.6	3.4
Nanjing, China.....	1.5	1.8	1.9	2.1	2.2	2.3	2.8
Tashkent, Soviet Union.....	1.0	1.4	1.6	1.8	2.1	2.3	2.7
Kitakyushu, Japan.....	1.3	1.6	1.7	1.9	2.1	2.3	2.4
West Berlin, West Germany.....	2.2	2.1	2.1	2.1	2.1	2.1	2.1
Budapest, Hungary.....	1.8	2.0	2.1	2.1	2.1	2.1	2.2
Leeds—Bradford, United Kingdom.....	1.9	2.0	2.0	2.0	2.0	2.1	2.1
Medan, Indonesia.....	.5	.8	.9	1.3	2.1	3.0	5.4
Nagoya, Japan.....	1.5	1.8	1.9	2.0	2.1	2.1	2.1
Poona, India.....	.7	1.1	1.3	1.6	2.0	2.4	3.6

Source: United Nations, Dept. for International Economic and Social Affairs, New York, NY, *The Prospects of World Urbanization: Revised as of 1984-1985*, forthcoming.

No. 1407. DEATH RATES BY SELECTED CAUSES—SELECTED COUNTRIES

[Age-standardized death rate per 100,000 population. For explanation of age-adjustment, see text, section 2. The standard population for this table is the European standard; see source for details. Deaths classified according to ninth revision of International Classification of Diseases; see text, section 2]

COUNTRY	Year	Ische-mic heart disease	Cerebro-vascular disease	MALIGNANT NEOPLASM OF—			Bronchitis, ² emphysema, asthma	Chronic liver disease and cirrhosis	Motor vehicle traffic accidents	Suicide
				Lung, trachea, bronchus	Stomach	Female breast ¹				
United States	1984	218.1	60.1	52.7	6.0	31.9	8.3	12.9	18.1	12.4
Australia	1985	230.9	95.6	41.0	10.1	30.0	16.9	8.7	17.9	11.8
Austria	1986	155.1	132.2	34.3	20.7	21.6	22.3	26.6	17.3	26.7
Belgium	1984	120.6	95.0	55.9	14.7	36.8	22.8	12.4	18.7	22.7
Bulgaria	1985	245.9	254.5	30.6	24.2	21.5	28.6	16.2	12.0	15.6
Canada	1985	200.6	57.5	50.6	9.0	34.5	9.7	10.1	15.3	12.8
Czechoslovakia	1985	289.4	194.3	51.3	22.4	27.3	33.8	19.6	10.9	19.6
Denmark	1985	243.8	73.4	52.2	10.9	39.7	37.1	12.2	14.0	26.9
Finland	1986	259.8	105.0	36.4	17.3	23.9	19.8	8.8	11.9	26.3
France	1985	78.0	78.7	32.2	10.8	27.1	11.7	22.9	17.3	21.8
Hungary	1988	240.1	186.5	55.0	25.9	31.2	43.8	42.1	15.7	44.1
Italy	1983	128.8	121.9	42.1	23.9	26.9	30.9	31.5	16.6	7.3
Japan	1986	41.9	112.8	24.9	40.7	8.1	12.2	14.4	10.1	21.1
Netherlands	1985	164.6	71.1	56.3	15.6	38.2	17.8	5.5	9.2	11.2
New Zealand	1985	250.5	98.4	42.0	11.2	37.7	25.8	4.8	20.9	10.8
Norway	1985	208.5	88.6	26.3	14.4	25.9	18.2	6.8	9.7	14.2
Poland	1986	109.4	75.3	47.2	24.2	21.1	32.4	12.0	14.3	13.8
Portugal	1986	76.6	218.4	18.7	26.5	22.6	17.8	30.0	24.4	9.4
Spain	1981	79.0	133.9	26.0	19.7	19.0	19.1	23.3	15.4	4.8
Sweden	1985	244.7	73.0	23.2	12.5	25.0	14.3	6.4	9.2	17.2
Switzerland	1986	112.0	65.6	36.6	12.0	38.6	17.5	10.4	14.8	21.4
United Kingdom:										
England and Wales	1985	247.6	104.5	57.2	15.2	41.9	24.2	4.8	8.8	8.6
Scotland	1986	288.0	128.4	68.7	14.9	41.2	14.8	7.3	11.1	10.9
West Germany	1986	159.5	100.4	34.6	18.3	32.6	26.1	19.3	12.5	17.0

¹ Data for female population only.

² Chronic and unspecified.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual.

No. 1408. SUICIDE RATES FOR SELECTED COUNTRIES, BY SEX AND AGE GROUP

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries. Except as noted, deaths classified according to the ninth revision of the International Classification of Diseases (I.C.D.); see text, section 2]

SEX AND AGE	United States, 1984	Australia, 1985	Austria, 1986	Canada, 1985	Denmark, 1985	France, 1985	Italy, 1983	Japan, 1986	Netherlands, 1985	Poland, 1986	Sweden, ¹ 1985	United Kingdom, ² 1985	West Germany, 1986
MALE													
Total ³	19.7	18.2	42.1	20.5	35.1	33.1	11.0	27.8	14.6	22.0	25.0	12.1	26.6
15-24 yrs. old	20.5	24.0	31.0	25.2	17.0	17.0	5.2	14.1	10.6	17.5	14.3	8.2	17.7
25-34 yrs. old	24.9	26.6	48.6	27.0	36.7	35.2	8.4	25.1	17.8	29.3	32.0	15.3	25.3
35-44 yrs. old	22.6	22.5	53.3	24.7	38.5	36.5	9.1	31.6	16.1	33.5	29.0	16.0	28.5
45-54 yrs. old	23.7	21.5	54.2	26.4	56.6	45.4	14.8	51.0	20.0	36.7	39.3	17.1	35.6
55-64 yrs. old	27.2	22.0	52.5	26.5	55.3	48.0	18.4	44.8	21.0	35.9	32.7	19.1	36.7
65-74 yrs. old	33.5	24.8	72.8	25.5	57.7	61.4	29.7	43.9	28.1	30.6	36.2	16.9	44.7
75 yrs. old and over	49.1	27.4	106.5	28.4	83.4	120.5	47.9	78.8	41.0	29.3	45.3	22.3	72.8
FEMALE													
Total ³	5.4	5.1	15.8	5.4	20.6	12.7	4.3	14.9	8.1	4.4	11.5	5.7	12.0
15-24 yrs. old	4.4	4.8	9.7	4.0	8.1	4.7	1.3	8.0	3.1	2.7	7.8	1.8	5.3
25-34 yrs. old	6.1	4.7	14.3	6.6	14.3	10.6	3.3	11.6	9.3	5.3	19.2	4.4	9.1
35-44 yrs. old	7.7	6.1	18.5	8.0	26.6	14.6	3.7	12.8	9.9	5.8	15.5	5.4	10.5
45-54 yrs. old	9.2	8.7	20.2	9.0	34.0	17.7	5.6	18.4	12.5	8.4	14.8	8.2	14.8
55-64 yrs. old	8.5	8.3	18.9	8.0	41.5	20.8	8.3	20.2	14.6	7.6	13.8	10.5	18.5
65-74 yrs. old	7.3	7.6	29.0	7.8	34.1	26.8	10.1	33.0	15.5	6.6	20.1	11.9	23.6
75 yrs. old and over	6.0	9.7	31.5	5.3	24.6	27.5	11.0	59.1	10.8	5.5	14.0	10.1	24.8

¹ Based on the eighth revision of the I.C.D.

² England and Wales only.

³ Includes other age groups not shown separately.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual; and unpublished data.

NO. 1409. HEALTH EXPENDITURES—SELECTED COUNTRIES: 1980 AND 1986

[G.D.P.=gross domestic product; for explanation, see text, section 14. For explanation of purchasing power parities, see text, section 31]

COUNTRY	TOTAL HEALTH EXPENDITURES			PUBLIC HEALTH EXPENDITURES, 1986—		
	Percent of G.D.P.		Per capita, 1986 on basis of—	G.D.P. purchasing power parities	Percent of gross domestic product	
	1980	1986	Exchange rates			
United States.....	9.2	11.1	\$1,926	\$1,926	4.5	40.8
Australia.....	5.6	6.8	760	877	5.0	73.0
Austria.....	7.9	8.0	988	903	5.3	68.1
Belgium.....	6.8	7.1	833	826	5.6	76.9
Canada.....	7.4	8.5	1,206	1,370	6.5	78.0
Denmark.....	6.8	6.1	890	800	5.2	63.9
Finland.....	6.3	7.5	1,070	900	5.8	77.3
France.....	7.4	8.5	1,112	1,039	6.7	79.2
Greece.....	4.2	3.9	157	245	3.7	94.8
Iceland.....	6.8	7.5	1,201	1,072	6.3	83.3
Ireland.....	8.5	7.9	550	549	7.0	87.6
Italy.....	6.8	6.7	702	764	5.2	78.0
Japan.....	6.6	8.7	1,089	831	4.9	72.9
Luxembourg.....	6.1	6.9	928	968	6.3	90.7
Netherlands.....	8.2	8.3	1,003	884	6.6	76.7
New Zealand.....	7.2	6.9	576	715	5.6	81.1
Norway.....	6.6	6.8	1,143	1,021	6.6	97.3
Portugal.....	5.9	5.8	158	310	4.0	72.2
Spain.....	5.9	6.0	358	486	4.3	71.5
Sweden.....	9.5	9.1	1,428	1,195	8.3	90.9
Switzerland.....	7.2	8.0	1,649	1,217	5.4	67.7
United Kingdom.....	5.8	6.2	597	711	4.5	88.2
West Germany.....	7.9	8.1	1,182	1,031	6.3	78.1

¹ Preliminary estimates.

Source: Schieber, George J. and Jean-Pierre Poulier, "International Health Care Expenditure and Utilization Trends", *Health Affairs*, Fall 1986.

NO. 1410. PUBLIC EXPENDITURE FOR EDUCATION AND ILLITERACY, BY SELECTED COUNTRY

[Expenditure: Includes both capital and current expenditures on public education and subsidized private education. Illiteracy: Defined as inability both to read and write in any, or a specified, language. See text, section 31, for general comments concerning the data. For additional qualifications for individual countries, see source.]

COUNTRY	PUBLIC EXPENDITURE FOR EDUCATION			COUNTRY	PUBLIC EXPENDITURE FOR EDUCATION			Percent of adult population illiterate, ¹ 1985	
	Year	Percent of total public expenditure	Percent of gross national product		Year	Percent of total public expenditure	Percent of gross national product		
United States.....	1983	(NA)	6.7	(NA)	Mexico.....	1986	(NA)	3.2	59.7
Afghanistan.....	1982	6.4	(NA)	76.3	Morocco.....	1983	22.0	7.8	66.9
Algeria.....	1986	2 14.8	2.6 1	50.4	Nepal.....	1985	10.8	3.0	74.4
Argentina.....	1986	3 7.5	3 1.8	4.5	Netherlands.....	1984	16.8	6.9	(NA)
Australia.....	1985	12.8	6.4	(NA)	Nigeria.....	1986	11 12.0	11 1.6	57.6
Bangladesh.....	1988	3 10.5	3 2.1	66.8	Pakistan.....	1985	(NA)	2.1	70.4
Brazil.....	1985	4 17.2	4 3.3	22.3	Peru.....	1986	3 15.7	3 1.7	15.2
Burma.....	1977	12.2	1.6	(NA)	Philippines.....	1986	(NA)	1.7	14.3
Canada.....	1986	15.5	7.7	(NA)	Poland.....	1986	7 11.5	6 3.8	(NA)
Chile.....	1985	15.8	4.5	* 5.6	Portugal.....	1986	(NA)	4.4	18.0
China: Mainland.....	1986	(NA)	2.3	30.7	Romania.....	1985	(NA)	2.1	(NA)
Colombia.....	1986	3 24.7	3 2.9	11.9	Saudi Arabia.....	1986	11.2	10.8	(NA)
Czechoslovakia.....	1986	8.1	6 5.2	(NA)	South Korea.....	1986	27.3	4.5	(NA)
East Germany.....	1986	(NA)	6 7.5 5	(NA)	Soviet Union.....	1986	(NA)	7.0	(NA)
Egypt.....	1985	11.5	5.5	55.8	Spain.....	1986	13.3	3.2	5.6
Ethiopia.....	1986	9.9	3.9	* 44.8	Sri Lanka.....	1986	9.4	3.5	12.9
France.....	1984	(NA)	6.1	(NA)	Sudan.....	1985	7 15.0	7 4.2	(NA)
Ghana.....	1986	(NA)	3.4	46.8	Syria.....	1986	(NA)	6.6	40.0
Hungary.....	1986	6.4	5.7	(NA)	Tanzania.....	1985	3 18.0	3 4.3	(NA)
India.....	1985	9.4	3.6	58.5	Thailand.....	1985	(NA)	3.8	9.0
Indonesia.....	1981	9.3	2.0	25.9	Turkey.....	1986	(NA)	2.1	* 25.8
Iran.....	1986	19.5	(NA)	49.2	Uganda.....	1983	(NA)	2.7	42.7
Iraq.....	1985	(NA)	3.8	* 10.7	United Kingdom.....	1984	11.3	5.2	(NA)
Italy.....	1986	3 8.6	3 4.7	* 3.0	Venezuela.....	1985	21.3	6.8	11.4
Japan.....	1985	17.8	5.1	(NA)	West Germany.....	1985	9.2	4.8	(NA)
Kenya.....	1985	(NA)	6.7	40.8	Yugoslavia.....	1986	(NA)	3.8	8.8
Malaysia.....	1986	(NA)	7.8	26.8	Zaire.....	1980	7 32.3	7 3.4	38.8
					Zimbabwe.....	1985	16.0	7.9	26.0

NA Not available. ¹ Population, 15 years old and over. Estimated by source, except as noted. ² Expenditure of the Ministry of Basic and Secondary Education only. ³ Ministry of Education expenditures only. ⁴ Excludes expenditures of municipalities. ⁵ Estimates made by country itself. ⁶ Percent of net material product. ⁷ Current expenditures only. ⁸ Population, 10 years old and over. ⁹ Excludes expenditures on universities. ¹⁰ Population, 15-45 years old. ¹¹ Federal government expenditures only.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright).

Comparative International Statistics

NO. 1411. GROSS NATIONAL PRODUCT IN CURRENT AND CONSTANT (1984) DOLLARS AND PER CAPITA: 1975 TO 1985

[In billions of dollars, except per capita. For explanation of conversion to U.S. dollars, see headnote, table 1449. For explanation of gross national product (GNP), see text, section 14]

COUNTRY	CURRENT DOLLARS						CONSTANT (1984) DOLLARS				Per capita (dol.)			
	1975	1980	1982	1983	1984	1985	1975	1980	1985		1975	1980	1985	
United States.....	1,598.0	2,732.0	3,166.0	3,406.0	3,772.0	4,010.0	2,903.0	3,434.0	3,887.0	13,440	15,080	16,240		
Afghanistan.....	2.1	3.3	13.8	13.8	13.7	13.5	3.8	4.2	13.4	268	278	248		
Algeria.....	16.7	33.4	42.5	46.8	51.3	54.9	30.3	41.9	53.2	1,875	2,225	2,413		
Argentina.....	40.6	64.7	64.2	68.0	72.4	71.6	73.7	81.4	89.4	2,830	2,882	2,287		
Austria.....	27.8	48.1	56.9	61.1	63.8	67.7	50.2	60.5	65.6	6,642	8,015	8,674		
Bangladesh.....	5.2	9.6	12.0	12.9	14.0	15.0	9.4	12.1	14.5	123	137	143		
Belgium.....	36.7	60.5	70.4	73.1	77.0	80.6	66.6	76.1	78.1	6,797	7,731	7,923		
Brazil.....	81.1	160.9	182.8	182.4	197.5	220.6	147.3	202.3	213.8	1,355	1,642	1,527		
Bulgaria.....	28.1	42.8	52.8	53.9	57.8	57.8	51.0	53.8	56.0	5,850	6,079	6,259		
Burma.....	2.1	4.0	5.3	5.7	6.3	6.9	3.8	5.1	6.7	124	152	179		
Canada.....	142.5	240.0	276.1	296.1	322.5	346.1	258.8	301.6	335.4	11,390	12,530	13,220		
Chile.....	7.4	15.3	15.4	16.0	17.2	18.6	13.4	19.3	18.0	1,303	1,738	1,490		
China:														
Mainland ¹	94.7	179.0	236.5	270.0	319.6	368.9	172.1	225.0	357.5	187	229	342		
Taiwan.....	14.7	35.2	44.9	50.3	57.9	62.2	26.8	44.3	160.3	1,681	2,489	3,127		
Colombia.....	14.6	27.8	33.0	34.7	36.7	38.7	26.5	34.9	37.5	1,100	1,315	1,274		
Czechoslovakia.....	61.7	99.5	117.6	124.0	131.9	136.8	112.0	125.0	132.6	7,584	8,197	8,556		
East Germany.....	77.1	125.3	148.4	157.3	167.9	177.4	140.0	157.5	171.9	8,309	8,412	10,330		
Egypt.....	12.3	27.8	36.0	39.3	41.6	44.4	22.3	34.9	43.0	602	827	875		
Ethiopia.....	2.1	2.5	4.3	4.6	4.7	4.5	3.8	4.4	4.4	106	115	101		
France.....	220.4	375.4	448.7	465.3	487.9	508.5	400.3	471.9	492.8	7,588	8,759	8,932		
Ghana.....	4.3	6.4	6.7	6.7	7.6	8.1	7.7	8.1	7.9	771	745	604		
Greece.....	14.8	26.6	30.6	31.6	33.5	35.0	26.8	33.4	33.9	2,965	3,461	3,411		
Hungary.....	37.4	59.9	72.9	74.9	79.9	80.6	68.0	75.3	78.1	6,454	7,031	7,331		
India.....	67.8	117.1	148.9	168.6	179.1	198.5	123.1	147.1	190.5	198	214	248		
Indonesia.....	25.5	52.9	69.2	73.9	81.3	86.2	46.3	66.5	83.5	336	429	483		
Iran.....	76.4	116.2	143.7	161.7	163.4	164.2	138.8	146.0	159.1	4,160	3,729	3,395		
Iraq ¹	18.9	54.1	34.4	34.2	37.5	37.9	34.3	67.9	36.8	3,085	5,114	2,326		
Italy.....	155.3	272.5	313.9	325.6	347.2	366.4	282.0	342.4	355.1	5,075	6,066	6,216		
Japan.....	458.5	850.5	1,067.0	1,145.0	1,256.0	1,361.0	832.8	1,069.0	1,319.0	7,464	9,151	10,920		
Kenya.....	2.2	4.1	5.1	5.5	5.7	6.2	4.0	5.2	6.0	294	311	291		
Madagascar.....	1.4	2.1	2.2	2.2	2.2	2.3	2.5	2.7	2.3	330	308	225		
Malaysia.....	9.4	20.3	26.6	28.7	31.7	32.4	17.0	25.6	31.4	1,385	1,857	2,038		
Mexico.....	64.0	125.3	150.0	148.5	161.3	173.4	116.2	157.4	168.1	1,880	2,245	2,139		
Morocco.....	4.4	8.3	10.1	10.7	11.3	12.0	8.0	10.4	11.6	442	507	501		
Mozambique.....	1.20	3.0	3.3	2.9	2.5	2.2	1.37	3.7	2.1	356	308	156		
Nepal.....	1.0	1.7	2.2	2.3	2.5	2.7	1.9	2.1	2.6	143	152			
Netherlands.....	59.8	97.1	110.9	117.1	124.1	130.7	107.0	122.0	126.7	7,837	8,625	8,741		
Nigeria.....	43.6	75.6	79.8	78.7	77.8	79.4	79.2	95.0	77.0	1,027	1,055	749		
North Korea ¹	9.0	15.5	20.5	21.6	23.0	24.3	18.4	19.5	23.6	1,031	1,089	1,155		
Pakistan.....	10.7	21.3	27.8	31.1	33.7	37.4	18.5	26.8	36.3	261	315	367		
Peru.....	10.2	16.3	19.8	17.8	19.2	20.1	18.5	20.5	19.5	1,223	1,184	989		
Philippines.....	12.9	25.3	31.0	32.6	31.5	31.8	23.5	31.8	30.3	528	624	520		
Poland.....	122.1	183.3	200.3	218.4	235.0	245.6	221.8	230.4	238.0	6,528	6,476	6,398		
Portugal.....	8.1	14.7	17.3	18.1	18.1	19.4	14.7	18.5	18.8	1,562	1,892	1,863		
Romania.....	50.6	88.9	106.0	110.3	121.3	126.6	91.9	111.6	122.7	4,325	5,034	5,388		
South Africa.....	31.5	52.2	63.5	64.5	70.4	71.8	57.2	65.6	69.3	2,247	2,251	2,115		
South Korea.....	23.4	48.1	63.0	73.3	82.4	89.4	42.4	60.4	66.6	1,157	1,158	2,110		
Soviet Union.....	837.0	1,541.0	1,868.0	1,991.0	2,091.0	2,197.0	1,702.0	1,937.0	2,129.0	6,889	7,270	7,695		
Spain.....	73.6	116.5	137.0	145.1	153.8	162.9	133.6	146.5	157.8	3,758	3,907	4,088		
Sri Lanka.....	2.1	3.9	4.9	5.4	5.9	6.3	3.8	4.9	6.1	276	327	380		
Sudan.....	3.7	6.4	8.0	8.6	8.3	7.3	6.6	8.1	7.1	414	427	317		
Sweden.....	46.2	70.4	81.4	86.4	93.0	98.0	83.9	88.5	95.0	10,240	10,640	11,380		
Switzerland.....	45.9	72.8	85.7	89.9	96.2	103.2	83.4	91.5	100.0	13,020	14,330	15,320		
Syria.....	7.4	14.0	18.0	19.3	19.1	19.8	13.4	17.6	19.2	1,820	2,020	1,854		
Tanzania.....	2.6	4.3	5.0	5.2	5.4	5.7	4.8	5.5	5.5	302	290	250		
Thailand.....	13.1	26.5	33.6	37.1	40.3	43.0	23.8	33.3	41.7	564	710	805		
Turkey.....	19.7	32.2	40.8	44.0	48.2	52.5	35.8	40.4	50.9	889	896	1,004		
Uganda.....	2.8	3.1	4.2	4.6	5.0	5.0	(NA)	5.1	3.9	(NA)	456	309	(NA)	
United Kingdom.....	206.7	321.1	373.8	404.2	428.8	460.4	375.4	403.6	446.2	6,679	7,187	7,882		
Venezuela.....	24.8	42.3	47.9	46.3	48.1	48.9	45.1	53.2	47.4	3,562	3,542	2,733		
West Germany.....	276.2	477.0	548.1	577.9	616.0	649.9	501.8	599.5	629.9	8,115	9,738	10,320		
Yugoslavia.....	16.2	34.9	40.9	42.0	44.3	45.9	33.1	43.9	44.5	1,552	1,966	1,924		
Zaire.....	2.7	3.7	4.3	4.4	4.4	4.7	4.8	4.6	4.6	208	174	150		

NA. Not available. ¹Estimated.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

Gross National and Domestic Product

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No. 1412. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—GROSS NATIONAL PRODUCT, 1980 TO 1987, AND CHANGE, 1980–1985 AND 1985–1987

[For interpretation of the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. As a consequence, it should not be concluded, for instance, that the United Kingdom's individual standard of living in 1987 was only 64 percent of that of the U.S., as the statistics may imply. Minus sign (–) indicates decrease. For explanation of annual percent change, see Guide to Tabular Presentation.]

COUNTRY	GROSS NATIONAL PRODUCT (GNP)					GNP PER CAPITA					Inflation rate, ² 1986–1987 (percent)	
	Total in constant (1987) dollars (bill.) ¹		Annual percent change			In constant (1987) dollars ¹		Annual percent change				
	1980	1985	1987	1980–1985	1985–1987	1980	1985	1987	1980–1985	1985–1987		
United States.....	3,744.0	4,239.1	4,488.5	2.5	2.9	16,438	17,716	18,413	1.5	1.9	3.0	
OECD Europe ³	4,244.5	4,584.5	4,811.3	1.5	2.4	10,780	11,380	11,820	1.1	1.9	4.0	
Belgium.....	129.5	133.7	136.5	.6	1.8	13,144	13,555	13,977	.6	1.5	1.4	
Denmark.....	84.3	95.0	97.5	2.4	1.3	16,459	18,597	19,000	2.5	1.1	5.7	
France.....	759.4	818.0	846.9	1.5	1.7	14,094	14,827	15,224	1.0	1.3	2.7	
Greece.....	42.6	45.5	45.9	1.3	.4	4,416	4,584	4,584	.7	—	15.0	
Ireland.....	25.5	25.5	25.6	—	.2	7,488	7,168	7,220	—8.6	.3	4.0	
Italy.....	553.3	598.8	632.1	1.6	2.8	9,804	10,480	11,026	1.3	2.5	5.6	
Luxembourg.....	5.3	6.0	6.2	2.5	2.1	14,666	16,108	16,784	1.9	2.1	2.0	
Netherlands.....	195.3	204.8	213.5	.9	2.1	13,812	14,142	14,561	.5	1.5	—1.3	
Portugal.....	29.0	30.5	33.4	1.0	4.7	2,967	3,002	3,229	2.2	3.7	11.7	
Spain.....	245.4	262.8	284.0	1.4	4.0	6,538	6,827	7,314	.8	3.5	5.7	
United Kingdom.....	564.0	621.7	666.7	2.0	3.5	10,012	10,981	11,718	1.8	3.3	4.4	
West Germany.....	1,021.6	1,086.0	1,129.9	1.2	2.0	16,595	17,798	18,471	1.4	1.9	2.1	
Austria.....	107.0	115.2	118.3	1.5	1.3	14,177	15,237	15,831	1.4	1.3	2.5	
Finnland.....	69.4	80.4	85.1	3.0	2.9	14,508	16,408	17,252	2.5	2.5	4.5	
Iceland.....	3.9	4.1	4.6	.9	5.7	17,048	17,125	18,360	.1	3.5	21.4	
Norway.....	64.1	75.6	80.3	3.4	3.1	15,680	18,210	19,172	3.1	2.6	6.7	
Sweden.....	135.3	148.0	153.7	1.8	1.9	16,280	17,725	18,295	1.7	1.6	5.1	
Switzerland.....	162.6	174.1	181.5	1.4	2.1	25,733	26,907	27,751	.9	1.5	2.3	
Turkey.....	47.0	58.8	67.6	4.6	7.2	1,057	1,193	1,317	2.5	5.1	34.5	
Australia.....	151.9	178.7	188.3	3.3	2.7	10,333	11,340	11,588	1.8	1.1	7.7	
Canada.....	324.0	372.5	399.4	2.8	3.5	13,475	14,687	15,571	1.7	3.0	4.6	
Japan.....	1,833.2	2,225.8	2,359.0	3.9	3.0	15,694	18,433	18,322	3.3	2.4	—2	
New Zealand.....	28.5	33.7	34.0	2.7	.3	9,476	10,382	10,360	1.8	—1	14.2	

— Represents zero. ¹ National currency values converted into dollars by the average 1987 Market Rate, as published by the International Monetary Fund, Washington, DC. ² GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1986 (base year) GNP. ³ See text, section 31.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1977–1987*, Report No. IRR 156 (Revised), 1988, and unpublished data.

No. 1413. GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA, USING PURCHASING POWER PARITIES—SELECTED COUNTRIES: 1970 TO 1986

[The goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (PPP) instead of exchange rates is intended to achieve this objective. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further explanation of PPP, see text, section 31.]

COUNTRY	GROSS DOMESTIC PRODUCT (bill. dol.)						GROSS DOMESTIC PRODUCT PER CAPITA (dollars)					
	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
United States.....	1,009.2	1,583.9	2,688.5	3,722.3	3,959.6	4,185.5	4,922	7,334	11,804	15,705	16,548	17,324
OECD Europe ¹	1,056.2	1,727.6	2,880.5	3,741.6	3,969.3	4,188.2	2,864	4,511	7,320	9,330	9,847	10,347
Belgium.....	28.9	48.0	80.4	101.2	105.9	111.2	2,989	4,899	8,166	10,272	10,741	11,276
Denmark.....	17.4	26.9	43.9	58.4	62.8	66.7	3,523	5,908	8,563	11,431	12,282	13,030
France.....	163.2	278.6	472.7	615.6	645.5	676.6	3,215	5,287	8,773	11,203	11,701	12,218
Greece.....	13.7	24.7	44.1	56.2	59.7	62.1	1,562	2,726	4,572	5,674	6,006	6,224
Ireland.....	5.5	9.6	17.2	23.0	23.9	24.5	1,852	3,007	5,066	5,509	6,765	6,903
Italy.....	163.4	258.3	450.3	583.9	618.9	652.7	3,045	4,680	7,982	10,247	10,833	11,406
Luxembourg.....	1.3	2.1	3.3	4.6	4.8	5.2	3,714	5,733	9,184	12,482	13,361	14,070
Netherlands.....	45.6	75.0	123.2	155.1	163.7	172.0	3,500	5,487	8,704	10,752	11,298	11,809
Portugal.....	12.3	21.3	40.0	50.0	53.3	57.0	1,454	2,441	4,303	5,218	5,524	5,868
Spain.....	73.8	135.5	215.6	277.5	292.1	310.8	2,178	3,816	5,760	7,262	7,813	8,085
United Kingdom.....	182.1	284.1	445.1	577.5	617.0	652.7	3,273	5,053	7,905	10,224	10,913	11,498
West Germany.....	207.0	321.8	547.4	695.8	739.2	777.8	3,413	5,204	8,891	11,418	12,114	12,741
Austria.....	20.6	35.0	59.8	76.9	81.8	85.1	2,757	4,822	7,925	10,183	10,793	11,254
Finland.....	13.4	22.9	38.4	52.8	58.4	59.3	2,902	4,865	8,032	10,827	11,509	12,059
Iceland.....	.6	1.2	2.3	3.0	3.2	3.5	2,980	5,318	10,018	12,392	13,163	14,239
Norway.....	12.1	21.3	38.9	53.5	58.2	62.3	3,113	5,308	9,510	12,923	14,008	14,958
Sweden.....	31.0	49.4	76.2	100.3	105.7	109.7	3,855	6,035	9,173	12,031	12,655	13,111
Switzerland.....	30.3	44.3	69.5	87.9	94.3	99.4	4,840	6,819	10,891	13,506	14,439	15,153
Turkey.....	34.1	67.7	112.2	165.7	179.7	199.7	958	1,679	2,508	3,395	3,606	3,927
Australia.....	44.4	75.9	124.7	170.8	185.3	193.0	3,465	5,482	8,486	10,975	11,765	12,084
Canada.....	84.6	153.1	267.9	362.8	390.0	413.5	3,969	6,737	11,191	14,427	15,366	16,105
Japan.....	291.5	505.2	929.1	1,321.6	1,424.6	1,497.9	2,811	4,531	7,954	11,012	11,798	12,339
New Zealand.....	9.4	16.1	22.9	31.8	33.1	33.8	3,331	5,231	7,281	9,793	10,106	10,311

¹ See text, section 31.

Source: Organization for Economic Cooperation and Development, Paris, France, *National Accounts of OECD Countries*, vol. I, annual.

Comparative International Statistics

NO. 1414. FOOD AND BEVERAGE EXPENDITURES AS A PERCENT OF TOTAL PRIVATE CONSUMPTION EXPENDITURES—SELECTED COUNTRIES: 1984

COUNTRY	Total	Food	Non-alcoholic beverages	Alcoholic beverages	COUNTRY	Total	Food	Non-alcoholic beverages	Alcoholic beverages
United States.....	13.0	11.0	.6	1.4	Switzerland.....	25.5	20.2	11.2	1.4
United Kingdom.....	17.1	14.5	.6	2.0	Italy.....	27.7	25.8	.3	1.8
Canada.....	17.4	13.4	1.7	3.3	Spain ²	30.7	29.2	.4	1.1
Netherlands.....	17.6	15.0	.6	2.0	South Africa.....	32.8	26.4	1.4	5.0
France.....	20.4	17.9	.5	2.0	Mexico.....	35.0	31.7	1.1	2.2
Australia.....	20.8	15.5	1.3	5.0	Portugal ³	35.9	33.1	.2	2.6
Austria.....	21.5	18.5	.6	2.4	Soviet Union ⁴	36.6	25.6	1.0	10.0
Denmark.....	21.8	17.2	.8	3.8	Ireland ²	37.3	23.8	1.3	12.2
West Germany.....	21.6	17.6	1.7	3.3	Yugoslavia ⁵	37.7	31.2	1.5	15.0
Japan.....	21.8	19.9	.6	1.3	South Korea.....	40.1	36.1	1.0	3.0
Sweden.....	22.8	18.8	.4	3.6	Greece.....	40.4	36.9	1.1	2.4
Belgium.....	23.3	19.1	1.1	3.1	Hungary ²	41.4	27.9	1.5	112.0
Norway.....	24.1	20.0	.9	3.2	Poland ²	50.2	36.8	1.2	11.4
Finland.....	24.6	20.1	.5	4.0	Philippines.....	54.1	51.7	1.7	11.7
Israel.....	25.5	23.1	1.8	.6	India.....	55.8	53.1	1.5	1.3

¹ Estimated.² Data for 1982.³ Data for 1981.⁴ Data for 1980.⁵ Data for 1983.

Source: U.S. Dept. of Agriculture, Economic Research Service, unpublished data. Based on data from United Nations, New York, NY, *Yearbook of National Accounts Statistics, 1986*, vols. II and III; Organization for Economic Cooperation and Development, Paris, France, *National Accounts*, vol. II, 1972-84; and various country yearbooks.

NO. 1415. PER CAPITA CONSUMPTION OF WHEAT AND RICE—SELECTED COUNTRIES: 1974 TO 1987

[In kilograms per year. Averages of crop years beginning in year shown. Excludes feed use but includes seed and industrial use]

COUNTRY	WHEAT			RICE			COUNTRY	WHEAT			RICE		
	1974-1976	1979-1981	1987	1974-1976	1979-1981	1987		1974-1976	1979-1981	1987	1974-1976	1979-1981	1987
World.....	73.3	78.3	84.3	56.2	59.9	82.5	Developing—Con.						
Developed.....	91.7	90.8	91.7	18.5	18.2	17.7	Middle East.....	177.4	195.3	190.0	17.7	21.2	20.8
United States.....	83.2	84.2	89.8	6.9	8.9	10.5	Iraq.....	163.8	192.9	203.3	24.6	34.9	34.8
Western Europe.....	110.3	109.5	109.8	3.9	4.1	4.6 ¹	Turkey.....	232.7	265.1	259.4	4.7	4.9	4.8
Japan.....	49.9	50.3	49.2	94.9	87.4	78.8	South Asia.....	50.1	56.7	68.5	73.1	75.8	74.6
South Africa.....	63.9	62.8	65.5	2.9	4.3	5.6	India.....	43.2	50.0	63.3	68.6	72.5	70.8
Centrally planned.....	99.2	110.9	126.2	66.9	72.9	84.1	Pakistan.....	120.1	125.2	129.8	25.1	25.5	19.6
Eastern Europe.....	166.2	168.9	174.8	3.2	3.4	3.5	Other Asia.....	14.0	16.1	22.0	132.7	141.3	141.2
Soviet Union.....	233.5	228.6	214.8	5.9	9.1	6.3	Indonesia.....	6.0	8.5	8.9	116.9	133.9	149.7
China: Mainland.....	52.8	71.5	96.1	92.7	99.6	114.9	Thailand.....	2.1	4.0	3.7	180.2	171.2	151.0
Developing.....	49.6	54.7	61.9	62.3	65.9	66.4	North Africa.....	160.6	175.6	178.3	18.0	16.8	14.0
Latin America.....	57.6	58.4	56.4	25.9	29.4	30.0	Algeria.....	174.4	182.5	203.3	4	1.1	1.1
Mexico.....	45.3	46.1	45.2	5.3	5.2	5.4	Egypt.....	148.3	170.9	180.1	36.5	34.3	26.4
Brazil.....	48.2	52.8	48.3	44.2	49.5	49.6	Other Africa.....	10.7	13.7	15.4	12.9	16.7	14.7
							Nigeria.....	7.0	15.6	3.7	5.2	13.1	8.4
							Sudan.....	27.5	27.9	37.4	4	.6	.6

Source: U.S. Dept. of Agriculture, Economic Research Service, *World Agriculture, Situation and Outlook Report*, (WAS-47), March 1987 and unpublished data.

NO. 1416. PER CAPITA CONSUMPTION OF BEEF, PORK, AND POULTRY—LEADING COUNTRIES: 1986

[In pounds per capita, except as indicated. Beef, veal and pork quantities are in carcass-weight equivalents; poultry quantities are on ready-to-cook basis]

COUNTRY	BEEF AND VEAL		COUNTRY	PORK		COUNTRY	POULTRY	
	Quantity	Rank		Quantity	Rank		Quantity	Rank
Argentina.....	183.6	1	Hungary.....	144.2	1	Saudi Arabia.....	83.8	1
Uruguay.....	133.8	2	Denmark.....	139.3	2	Israel.....	74.3	2
United States.....	110.2	3	East Germany.....	128.3	3	United States.....	73.0	3
Australia.....	92.8	4	Czechoslovakia.....	117.5	4	Hong Kong.....	63.3	4
Canada.....	90.4	5	West Germany.....	116.4	5	United Arab Emirates.....	63.3	5
New Zealand.....	78.3	6	Austria.....	113.8	6	Kuwait.....	58.4	6
France.....	68.1	7	Belgium-Luxembourg.....	103.8	7	Canada.....	57.1	7
Italy.....	64.6	8	Hong Kong.....	100.8	8	Australia.....	50.5	8
Soviet Union.....	60.4	9	Switzerland.....	98.8	9	Hungary.....	48.7	9
Switzerland.....	60.4	10	Netherlands.....	94.1	10	Spain.....	44.5	10
Czechoslovakia.....	57.1	11	Bulgaria.....	91.9	11	Venezuela.....	43.4	11
Belgium-Luxembourg.....	56.0	12	China: Taiwan.....	83.8	12	China: Taiwan.....	43.0	12
Panama.....	54.5	13	Poland.....	75.4	13	France.....	41.0	13
East Germany.....	54.5	14	France.....	74.7	14	United Kingdom.....	38.1	14
West Germany.....	52.0	15	Singapore.....	72.5	15	Romania.....	37.3	15
			United States.....	62.8	22			

Source: U.S. Dept. of Agriculture, Foreign Agricultural Service, *World Livestock Situation*, October 1988.

Appliances—Motor Vehicles—Water Treatment Plants

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No. 1417. PERCENT OF HOUSEHOLDS OWNING SELECTED APPLIANCES—SELECTED COUNTRIES: 1984

APPLIANCE	United States ¹	France	Italy	Netherlands	Poland	Soviet Union	Spain	Sweden	United Kingdom	West Germany	Yugoslavia
Clothes washer	73	83	92	90	(NA)	55	93	67	83	81	(NA)
Dishwasher	38	22	19	12	1	(NA)	9	26	6	21	(NA)
Freezer (separate)	37	33	39	47	(NA)	(NA)	13	68	280	53	47
Range:											
Electric.....	354	12	5	10	53	(NA)	92	93	40	73	88
Gas	245	(NA)	(NA)	298	(NA)	85	294	296	(NA)	58	82
Refrigerator.....	2100	97	86	298	(NA)	(NA)	84	(NA)	14	56	61
Television set:											
Black and white.....	43	81	75	33	(NA)	(NA)	47	86	88	69	
Color.....	88	66	45	84	(NA)	(NA)					

NA Not available. ¹ Represents appliances possessed and generally used by the household (as of November). Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Housing Characteristics, 1984*, August 1986.

² Includes refrigerator/freezers.

³ Stove-top burners only. Oven is considered a separate appliance.

Source: Except as noted, Euromonitor Publications Limited, London, England, *European Marketing Data and Statistics*, annual. (Copyright.)

No. 1418. WORLD MOTOR VEHICLE REGISTRATIONS—SELECTED COUNTRIES: 1975 TO 1986

[In millions, except as indicated]

COUNTRY	1975	1980	1986			COUNTRY	1975	1980	1986					
			Cars		Total vehicles ¹				Total vehicles ¹	Cars				
			Number	Persons per car						Number	Persons per car			
World, total ²	327.9	411.1	499.7	386.3	12.0	Nigeria.....	.3	.9	1.4	.6	134			
United States.....	133.0	155.9	176.2	135.4	1.8	Pakistan.....	.3	.4	.3	.3	373			
Brazil.....	6.7	10.2	11.9	10.8	13.0	Philippines.....	.7	1.1	.5	.5	163			
Canada.....	11.0	13.2	14.7	11.5	2.2	Poland.....	1.6	3.1	4.9	4.0	9.5			
China: Mainland.....	.7	.9	3.6	.8	1.374	South Africa.....	3.0	3.5	4.3	3.0	11.0			
France.....	17.9	21.7	24.4	21.6	2.6	South Korea.....	.2	.5	1.3	.7	85.0			
India.....	1.4	1.5	2.7	1.4	564	Soviet Union.....	9.8	15.5	20.2	11.8	24.0			
Italy.....	16.3	19.1	23.9	22.0	2.6	Spain.....	5.9	8.9	11.4	9.6	1.8			
Japan.....	26.1	37.9	48.0	28.7	4.2	Thailand.....	.5	.9	1.5	.6	92.0			
Mexico.....	3.3	4.8	7.5	5.3	15.0	Turkey.....	.7	1.1	1.7	1.1	48.0			
						United Kingdom.....	16.4	17.4	19.9	19.2	2.8			
						West Germany.....	19.5	24.8	29.0	27.2	2.2			

¹ Includes trucks and buses, not shown separately.

² Includes other countries, not shown separately.

Source: Motor Vehicle Manufacturers Association of the United States, Inc., Detroit, MI, *MVMA Motor Vehicle Facts & Figures*, annual.

No. 1419. PERCENTAGE OF POPULATION SERVED BY WASTE WATER TREATMENT PLANTS—SELECTED COUNTRIES: 1970 TO 1985

[Primary: Removal of 20-30 percent of the biological oxygen demand (BOD) or more; Secondary: Removal of 80-90 percent of BOD or more; Tertiary: Removal of 95 percent of BOD or more]

COUNTRY	PERCENTAGE OF POPULATION SERVED, TOTAL				PRIMARY TREATMENT ONLY				PRIMARY AND SECONDARY AND/OR TERTIARY TREATMENT			
	1970	1975	1980	1985	1970	1975	1980	1985	1970	1975	1980	1985
United States ¹	42.0	267.0	70.0	374.0	(NA)	23.0	17.0	15.0	(NA)	244.0	53.0	59.0
Belgium.....	3.8	5.5	22.9	(NA)	—	—	4	(NA)	3.8	5.5	422.9	(NA)
Canada ²	(NA)	249.0	56.0	57.0	(NA)	(NA)	13.0	10.0	(NA)	(NA)	43.0	47.0
France.....	40.0	(NA)	61.5	83.7	(NA)	(NA)	2.5	(NA)	(NA)	(NA)	59.0	(NA)
Italy.....	714.0	(NA)	30.0	(NA)	7.8	(NA)	(NA)	(NA)	7.6	(NA)	(NA)	(NA)
Japan.....	16.0	23.0	30.0	36.0	(NA)	(NA)	(NA)	(NA)	16.0	23.0	30.0	36.0
Netherlands.....	(NA)	45.0	68.0	81.0	(NA)	8.0	7.0	4.0	(NA)	37.0	61.0	77.0
Spain.....	(NA)	14.3	17.9	29.0	(NA)	7.0	8.8	13.2	(NA)	7.3	9.1	15.8
Sweden ³	78.0	98.0	99.0	99.0	12.0	4.0	1.0	1.0	66.0	94.0	98.0	98.0
Switzerland.....	35.0	55.0	70.0	81.0	(NA)	(NA)	(NA)	(NA)	35.0	55.0	70.0	81.0
United Kingdom ¹⁰	(NA)	(NA)	82.0	83.0	(NA)	(NA)	6.0	6.0	(NA)	(NA)	76.0	77.0
West Germany.....	1181.8	74.8	81.8	86.5	1120.5	18.4	10.2	7.5	1141.3	56.4	71.6	79.0

¹ Represents zero. NA Not available. ² Beginning 1980, data not comparable with 1970 and 1975 data and data for secondary treatment include 1 percent and 2 percent of non-discharge treatment. Primary treatment may provide some biological treatment. Secondary is preliminary treatment plus biological process with no additional treatment except disinfection. ³ 1976 data. ⁴ 1984 data. ⁵ 1979 data. ⁶ Secondary usually includes private treatment and includes waste stabilization ponds. Tertiary refers to secondary treatment with phosphorus removal. ⁷ 1983 data. ⁸ Estimated. ⁹ Data for secondary category may include data for primary treatment only. ¹⁰ Urban population only (85 percent of total). Primary: Removal of sediments; Secondary: Chemical or biological treatment; Tertiary: Chemical, biological and complementary treatment. ¹¹ England and Wales only. Primary: Removal of gross solids; Secondary: Aerobic removal of organic material or bacteria; Tertiary: Removal of suspended solids following secondary treatment. ¹² 1969 data.

Source: Organization for Economic Cooperation and Development, Paris, France, *Environmental Data Compendium, 1987*.

Comparative International Statistics

NO. 1420. COMMUNICATIONS—TELEPHONES, NEWSPAPERS, TELEVISION, AND RADIO, BY COUNTRY

[See text, section 31, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Telephones per 100 population, ¹ 1986	Daily newspaper circulation, copies per 1,000 population, ² 1984	Television receivers per 1,000 population, ³ 1986	Radio receivers per 1,000 population, ⁴ 1986	COUNTRY	Telephones per 100 population, ¹ 1986	Daily newspaper circulation, copies per 1,000 population, ² 1984	Television receivers per 1,000 population, ³ 1986	Radio receivers per 1,000 population, ⁴ 1986
United States	5 76.0	268	813	2,126	Japan.....	8 11 55.5	562	585	824
Algeria.....	3.6	27	72	223	Kenya.....	1.4	13	5	84
Argentina.....	10.3	(NA)	214	645	Kuwait.....	17.3	197	241	268
Australia.....	8 55.0	296	472	1,259	Lebanon.....	(NA)	(NA)	301	770
Austria.....	50.8	365	7 436	561	Luxembourg.....	14 41.2	(NA)	253	628
Bangladesh.....	2.1	6	3	40	Madagascar.....	.4	5	5	194
Belgium.....	46.1	223	7 301	757	Malaysia.....	8.5	323	113	431
Bolivia.....	(NA)	50	76	587	Mexico.....	9.6	120	117	197
Brazil.....	8.8	57	188	365	Morocco.....	1.4	(NA)	154	205
Bulgaria.....	8 20.0	255	7 189	357	Netherlands.....	62.1	310	467	893
Burma.....	9.1	74	1	78	New Zealand.....	11 57.0	8 325	358	896
Cambodia.....	(NA)	(NA)	7	106	Nicaragua.....	5 1.6	47	59	257
Canada.....	76.9	220	546	877	Nigeria.....	6.3	8 6	6	182
Chile.....	6.4	8 115	164	335	Norway.....	5 62.2	501	7 348	783
China:					Pakistan.....	.6	(NA)	15	87
Mainland.....	.7	29	10	140	Panama.....	10.6	8 61	161	184
Taiwan.....	31.1	(NA)	(NA)	(NA)	Paraguay.....	2.4	(NA)	23	165
Colombia.....	7.6	(NA)	102	153	Peru.....	8 3.2	(NA)	84	247
Costa Rica.....	12.9	72	79	263	Philippines.....	8 1.5	(NA)	36	134
Cuba.....	5.3	144	202	335	Poland.....	11.8	214	7 259	415
Cyprus.....	36.5	118	133	289	Portugal.....	19.0	8 49	7 157	211
Czechoslovakia.....	23.9	298	7 281	577	Puerto Rico.....	11 20.3	59	247	671
Denmark.....	81.8	359	7 386	956	Romania.....	(NA)	158	7 175	7 143
Dominican Republic.....	10 2.9	30	81	164	Saudi Arabia.....	8 11.8	(NA)	269	323
East Germany.....	22.6	550	7 363	627	Singapore.....	42.9	277	7 213	7 300
Ecuador.....	3.6	8 64	73	295	South Africa.....	12 14.1	(NA)	93	310
Egypt.....	2.8	9 42	83	313	South Korea.....	22.3	(NA)	188	952
El Salvador.....	2.6	(NA)	70	349	Soviet Union.....	8 11.3	422	321	660
Ethiopia.....	.3	1	2	186	Spain.....	37.0	80	322	285
Finland.....	8 61.7	535	480	992	Sri Lanka.....	.8	8 111	28	167
France.....	8 60.8	8 212	402	896	Sudan.....	6.4	5	52	253
Ghana.....	.5	35	10	189	Sweden.....	8 89.0	521	7 393	875
Greece.....	39.3	(NA)	7 174	408	Switzerland.....	85.6	392	411	834
Guatemala.....	8 1.6	(NA)	37	61	Syria.....	5.9	(NA)	57	225
Honduras.....	1.2	8 61	67	377	Thailand.....	1.9	(NA)	100	178
Hong Kong.....	44.0	(NA)	232	620	Trinidad and Tobago.....	8 9.6	151	286	456
Hungary.....	14.5	254	399	576	Tunisia.....	3.9	39	69	166
Iceland.....	9 52.5	469	7 306	7 616	Turkey.....	8.1	(NA)	165	183
India.....	11.5	8 21	77	78	United Kingdom.....	11 52.4	414	534	1,157
Indonesia.....	10.3	18	33	118	Uruguay.....	13.6	(NA)	171	592
Iran.....	14.3	22	57	240	Venezuela.....	8.9	8 186	141	425
Iraq.....	8 4.3	(NA)	61	188	West Germany.....	64.0	350	7 378	955
Ireland.....	8 26.5	186	280	563	Yugoslavia.....	15.4	114	176	344
Israel.....	11 41.6	(NA)	261	463	Zimbabwe.....	3.0	22	14	53
Italy.....	13 46.9	96	7 255	697					
Jamaica.....	11 6.0	45	105	400					

NA Not available. ¹As of December 31, except as noted. Comprises public and private telephones installed which can be connected to a central exchange. ²Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. ³Estimated number of sets in use, except as noted. ⁴Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. ⁵For 1984. ⁶For 1985. ⁷Number of licenses issued. ⁸For 1982. ⁹For 1983. ¹⁰For 1980. ¹¹As of March 31. ¹²As of March 21. ¹³Includes San Marino. ¹⁴For 1981.

Source: Except Taiwan, Statistical Office of the United Nations, New York, NY, *Statistical Yearbook* (copyright), and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); Taiwan, U.S. Bureau of the Census. Data from Republic of China publications.

Tax Revenues—Tax Receipts by Type

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NO. 1421. TAX REVENUES—SELECTED COUNTRIES: 1975 TO 1986

[Covers national and local taxes and Social Security contributions. GDP=Gross domestic product; see text, section 14.]

COUNTRY	TAX REVENUES, 1986		PERCENT CHANGE IN TOTAL TAX REVENUE AS EXPRESSED IN NATIONAL CURRENCY						TAX REVENUES AS PERCENT OF GDP					
	Total (bil. dol.)	Per capita (bil. dol.)	1975– 1980	1980– 1985	1983– 1984	1984– 1985	1985– 1986	1975	1980	1984	1985	1986		
United States.....	1,194.5	4,944	76.7	46.5	11.1	9.8	5.3	29.0	29.5	28.4	29.2	28.9		
Australia.....	54.6	3,419	88.9	80.4	16.8	10.8	12.5	27.8	29.0	30.9	30.8	31.4		
Austria.....	40.0	5,281	61.5	41.8	9.6	7.3	5.1	38.6	41.2	42.3	42.9	42.6		
Belgium.....	52.3	5,302	61.5	47.2	9.7	7.5	3.5	41.1	43.5	46.4	46.6	45.4		
Canada.....	123.8	4,820	75.5	59.1	8.9	7.5	7.0	32.4	31.8	32.9	32.9	33.2		
Denmark.....	41.7	8,151	90.1	77.6	12.9	12.3	11.7	41.4	45.5	47.6	48.7	50.6		
Finland.....	27.0	5,499	73.7	95.1	17.6	12.8	10.8	35.1	33.0	35.5	36.8	38.4		
France.....	921.3	5,802	116.2	78.2	11.4	7.4	6.6	36.9	41.7	44.6	44.5	44.2		
Greece.....	14.8	1,461	185.7	231.9	28.6	22.4	25.5	24.6	28.6	34.8	35.2	36.7		
Ireland.....	9.9	2,781	186.4	112.1	13.5	5.2	8.5	31.5	34.0	39.4	39.0	40.2		
Italy.....	217.3	3,798	222.0	139.2	11.5	10.6	15.8	28.1	30.0	35.1	34.7	36.2		
Japan.....	570.3	4,698	95.7	43.5	7.4	8.2	7.3	20.9	25.5	27.4	28.0	28.8		
Luxembourg.....	2.4	6,540	64.5	68.8	8.5	9.2	3.9	39.2	40.9	42.6	42.9	42.4		
Netherlands.....	79.9	5,483	60.6	21.7	1.1	4.3	4.2	43.7	45.8	45.0	45.1	45.5		
New Zealand.....	9.1	2,775	120.1	99.7	13.6	18.6	14.8	31.3	33.0	33.1	33.8	32.9		
Norway.....	34.8	8,946	101.1	77.3	10.7	14.8	8.1	44.9	47.1	45.8	47.4	49.8		
Portugal.....	9.4	968	286.4	208.1	19.9	22.8	26.7	24.7	28.7	32.2	31.5	32.4		
Spain.....	69.3	1,798	210.3	119.8	18.4	9.6	20.6	19.6	24.1	29.2	28.8	30.4		
Sweden.....	70.2	8,385	98.4	68.0	11.3	9.6	14.8	43.9	49.4	50.3	50.6	53.5		
Switzerland.....	44.0	6,707	26.3	39.2	7.1	5.8	8.5	29.6	30.8	32.3	32.0	32.6		
Turkey.....	13.2	259	771.7	477.4	32.0	71.8	63.7	20.7	21.7	17.3	19.7	22.7		
United Kingdom.....	213.6	3,762	116.6	64.5	7.7	9.3	8.9	35.4	35.3	38.3	38.1	39.0		
West Germany.....	334.8	5,484	53.2	23.6	5.3	5.6	4.6	35.7	38.0	37.5	37.9	37.5		

NO. 1422. PERCENT DISTRIBUTION OF TAX RECEIPTS BY TYPE OF TAX—SELECTED COUNTRIES: 1975 TO 1986

COUNTRY AND YEAR	Total ¹	INCOME AND PROFITS TAXES ²			SOCIAL SECURITY CONTRIBUTIONS			TAXES ON GOODS AND SERVICES ³				
		Total ³	Individual	Corporate	Total ⁴	Employees	Employers	Total ³	General consumption taxes ⁵	Taxes on specific goods, services ⁶		
United States: 1975.....	100.0	43.6	32.8	10.8	24.6	9.9	13.9	18.5	6.7	9.5	7.8	7.8
1980.....	100.0	47.0	35.9	10.2	26.2	10.0	15.5	16.6	6.6	7.6	7.5	7.5
1986.....	100.0	42.4	35.4	7.0	29.8	11.5	17.3	17.5	6.6	12.5	13.6	13.0
Canada: 1975.....	100.0	47.3	32.8	13.6	10.1	3.7	6.1	32.0	11.5	11.5	13.0	13.0
1980.....	100.0	46.6	34.1	11.6	10.5	3.7	6.6	32.5	11.5	11.5	13.0	13.0
1986.....	100.0	45.9	37.0	8.1	13.7	4.8	8.7	29.7	14.8	14.8	14.1	14.1
France: 1975.....	100.0	17.6	12.3	5.2	40.6	8.6	29.3	33.3	23.4	9.0	8.4	8.4
1980.....	100.0	18.1	12.9	5.1	42.7	11.1	28.4	30.4	21.0	6.9	6.9	6.9
1986.....	100.0	18.2	13.0	5.1	42.7	11.9	27.4	29.4	19.5	6.9	6.9	6.9
Italy: 1975.....	100.0	21.5	15.2	6.3	45.9	9.0	36.8	29.4	14.3	14.0	9.7	9.7
1980.....	100.0	31.1	23.1	7.8	38.0	8.9	28.4	26.5	15.6	14.6	8.6	8.6
1986 ⁸	100.0	37.8	(NA)	(NA)	34.3	6.5	24.6	24.6	14.6	14.6	8.6	8.6
Japan: 1975.....	100.0	44.6	23.9	20.6	29.0	10.8	15.1	17.3	—	—	15.1	14.1
1980.....	100.0	46.1	24.3	21.8	28.1	10.2	14.8	16.3	—	—	11.4	11.4
1986.....	100.0	45.7	25.1	20.7	29.8	10.9	15.4	13.4	—	—	11.4	11.4
Netherlands: 1975.....	100.0	34.8	27.1	7.7	38.4	16.4	17.6	24.2	14.4	8.1	7.3	7.3
1980.....	100.0	32.8	26.3	6.6	38.1	15.7	17.6	25.2	15.8	15.8	7.3	7.3
1986.....	100.0	27.7	20.3	7.3	42.5	18.1	17.3	26.0	16.5	16.5	10.7	10.7
Sweden: 1975.....	100.0	50.5	46.1	4.3	19.5	—	18.3	24.3	13.4	8.2	10.2	10.2
1980.....	100.0	43.5	41.0	2.5	28.8	—	27.6	24.0	13.4	8.2	10.2	10.2
1986.....	100.0	42.8	38.0	4.7	25.0	—	24.1	24.8	8.8	8.8	14.6	14.6
United Kingdom: 1975.....	100.0	44.5	37.9	6.7	17.4	6.6	10.3	25.4	14.5	14.5	13.7	13.7
1980.....	100.0	37.8	29.4	8.4	16.6	6.4	9.8	29.4	15.5	15.5	13.7	13.7
1986.....	100.0	38.2	27.9	10.3	17.9	8.2	9.1	30.9	15.5	15.5	13.7	13.7
West Germany: 1975.....	100.0	34.7	30.2	4.5	33.5	14.2	18.5	27.1	14.7	14.7	10.9	10.9
1980.....	100.0	35.1	29.6	5.5	34.4	15.3	18.5	27.1	14.6	14.6	8.3	8.3
1986.....	100.0	34.5	28.6	6.0	37.2	16.1	19.1	25.2	15.3	15.3	8.6	8.6

¹ Represents zero. ² NA Not available. ³ Includes property taxes, employer payroll taxes other than social security contributions, and miscellaneous taxes, not shown separately. ⁴ Includes taxes on capital gains. ⁵ Includes other taxes, not shown separately. ⁶ Includes contributions of self-employed, not shown separately. ⁷ Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. ⁸ Primarily value-added and sales taxes.

⁷ For example, excise taxes on alcohol, tobacco, and gasoline. ⁸ Estimates.

Source of tables 1421 and 1422: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

Comparative International Statistics

NO. 1423. EMPLOYEE-EMPLOYER PAYROLL TAX RATES FOR SOCIAL SECURITY PROGRAMS—
SELECTED COUNTRIES: 1980 TO 1986

[In percent. Covers old-age, disability and survivors insurance, public health or sickness insurance, workers' compensation, unemployment insurance, and family allowance programs]

COUNTRY	ALL SOCIAL SECURITY PROGRAMS					OLD-AGE, DISABILITY AND SURVIVORS INSURANCE				
	1980, total	1985, total	1986			1980, total	1985, total	1986		
			Total	Em- ployer	Em- ployee			Total	Em- ployer	Em- ployee
United States.....	16.81	18.90	19.90	12.75	7.15	10.16	11.40	11.40	5.70	5.70
Canada.....	8.44	19.24	19.24	15.09	4.15	3.60	3.60	3.60	1.80	1.80
France.....	48.45	51.33	52.84	39.03	14.81	2 ¹ 2.90	2 ¹ 4.00	2 ¹ 4.60	2 ¹ 6.40	2 ¹ 6.40
Italy.....	55.02	55.81	53.92	45.07	8.85	24.46	24.36	25.96	3 ¹ 8.81	7.15
Japan.....	20.57	25.50	25.55	14.80	10.95	9.10	12.40	12.40	6.20	6.20
Sweden.....	32.43	31.66	31.79	31.79	—	20.80	19.95	19.95	19.95	—
United Kingdom.....	20.45	19.45	19.45	10.45	9.00	(NA)	(NA)	(NA)	(NA)	(NA)
West Germany.....	34.00	34.30	36.90	18.15	17.75	18.00	18.70	18.70	9.35	9.35

— Represents zero. NA Not available.

¹ Excludes work-injury compensation program.

² Disability and survivors bene-

fits financed through sickness insurance.

³ Excludes termination indemnity.

Source: U.S. Social Security Administration, Office of International Policy, unpublished data.

NO. 1424. CONSUMER PRICES—ANNUAL PERCENT CHANGES, BY COUNTRY: 1982 TO 1987

[See text, section 31, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (—) indicates decrease]

COUNTRY	1982- 1983	1983- 1984	1984- 1985	1985- 1986	1986- 1987	COUNTRY	1982- 1983	1983- 1984	1984- 1985	1985- 1986	1986- 1987
	1982- 1983	1983- 1984	1984- 1985	1985- 1986	1986- 1987		1982- 1983	1983- 1984	1984- 1985	1985- 1986	1986- 1987
United States.....	3.2	4.3	3.6	1.9	3.7	Kenya.....	11.5	10.2	13.0	4.0	5.2
Argentina.....	343.8	626.7	672.1	90.1	131.3	Malaysia.....	3.7	3.9	.3	.7	1.1
Australia.....	10.1	4.0	6.7	9.1	8.5	Mexico.....	101.8	65.5	57.7	86.2	131.8
Austria.....	3.3	5.7	3.2	1.7	1.4	Netherlands.....	2.8	3.3	2.2	—	—
Bangladesh.....	9.4	10.5	10.7	11.0	9.5	Nigeria.....	23.2	39.6	5.5	5.4	10.2
Belgium.....	7.7	6.3	4.9	1.3	1.6	Norway.....	8.4	6.3	5.7	7.2	8.7
Bolivia.....	289	1,281	11,750	278.3	14.6	Pakistan.....	6.2	6.1	5.6	3.5	4.7
Brazil.....	142.1	197.0	226.9	145.2	223.7	Peru.....	111.2	110.2	163.4	77.9	85.8
Canada.....	5.8	4.3	4.0	4.2	4.4	Philippines.....	10.0	50.3	23.1	.8	3.8
Chile.....	27.3	19.9	30.7	19.5	19.9	Portugal.....	25.1	28.9	19.8	11.7	9.3
Colombia.....	19.8	16.1	24.0	18.9	23.3	Romania.....	5.2	1.1	—	(NA)	—
Ecuador.....	48.4	81.2	28.0	23.0	29.5	South Africa.....	12.3	11.7	16.2	18.6	16.1
Egypt.....	16.1	17.1	13.3	22.8	19.7	South Korea.....	3.4	2.3	2.5	2.8	3.0
France.....	9.8	7.4	5.8	2.5	3.3	Spain.....	12.2	11.3	8.8	8.8	5.3
Ghana.....	122.9	39.7	10.3	24.6	39.8	Sri Lanka.....	14.0	15.6	1.5	8.0	7.7
Greece.....	20.2	18.4	19.3	23.0	16.4	Sweden.....	8.8	8.0	7.4	4.2	4.2
Guatemala.....	4.5	2.4	18.7	36.9	12.3	Switzerland.....	3.0	2.9	3.4	.8	1.4
India.....	11.9	8.3	5.6	6.7	6.8	Thailand.....	3.7	.9	2.4	1.8	2.5
Indonesia.....	11.8	10.5	4.7	5.8	9.3	Turkey.....	32.9	46.4	45.0	94.8	38.8
Iran.....	19.7	12.5	4.4	(NA)	(NA)	United Kingdom.....	4.6	5.1	6.1	3.4	4.2
Israel.....	145.6	373.8	304.6	48.1	19.8	Venezuela.....	6.3	12.2	11.4	11.5	28.1
Italy.....	14.6	10.8	9.2	5.9	4.7	West Germany.....	3.3	2.4	2.2	—	.3
Japan.....	1.9	2.3	2.0	.6	—	Yugoslavia.....	40.2	54.7	72.3	89.8	120.8
							77.1	52.2	23.8	46.7	90.4

— Represents zero. NA Not available.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly, with annual yearbooks.

NO. 1425. CONSUMER PRICE INDEXES FOR SELECTED ITEMS—SELECTED COUNTRIES: 1980 AND 1987

[For percent increases in total consumer prices, see table 762. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEXES (1967 = 100)										AVG. ANNUAL PERCENT CHANGE, 1980-1987			
	Total ¹		Food ²		Clothing		Housing ³		Transporta- tion		Food ²	Cloth- ing	Hous- ing ³	Trans- portation
	1980	1987	1980	1987	1980	1987	1980	1987	1980	1987				
United States.....	246.8	340.4	254.6	333.0	171.1	200.6	263.3	371.0	249.7	316.8	3.9	2.3	5.0	3.5
Australia.....	295.5	520.8	291.8	486.0	301.4	495.2	321.8	576.5	(NA)	(NA)	7.6	7.4	8.7	(NA)
Austria.....	203.3	266.1	186.5	235.6	178.3	218.7	233.2	315.1	216.6	284.4	3.4	3.0	4.4	4.0
Canada.....	243.5	378.5	289.9	427.7	195.5	259.2	242.9	377.7	233.1	386.1	5.7	4.1	6.5	7.5
France.....	294.2	491.9	294.8	493.2	267.0	466.8	309.4	519.5	337.4	562.1	7.6	8.3	7.7	7.7
Italy.....	403.2	850.8	382.3	758.5	437.3	957.6	386.5	822.4	480.8	988.6	10.3	11.8	11.4	10.8
Japan.....	281.8	325.2	288.2	327.4	288.7	360.2	226.7	275.3	252.6	280.6	1.8	3.2	2.8	1.5
Netherlands.....	237.4	291.9	197.8	227.5	256.5	302.4	244.2	315.9	223.9	279.7	2.0	2.4	3.8	3.2
Sweden.....	270.8	451.9	282.1	539.1	197.2	277.7	314.9	501.6	(NA)	9.7	5.0	6.8	(NA)	5.2
United Kingdom.....	423.8	645.8	468.0	654.5	306.4	348.0	421.5	689.0	450.3	642.7	4.9	1.8	7.5	5.2
West Germany.....	175.6	212.4	158.9	185.9	178.6	218.4	192.8	234.0	166.1	222.4	2.3	2.9	2.6	2.6

NA Not available. ¹ Includes other items not shown separately. ² Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. ³ Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

No. 1426. CIVILIAN LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT—SELECTED COUNTRIES: 1970 TO 1987

[Data based on U.S. labor force definitions adopted in 1957 (see text, section 13) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1980, United Kingdom, 16 years; Australia, Canada, Japan, West Germany, and, for 1970, United Kingdom, 15 years; Italy, 14 years]

YEAR	United States	Australia	Canada	France	Italy	Japan	Netherlands	Sweden	United Kingdom	West Germany
Civilian labor force (mil.):										
1970	82.8	5.5	8.4	20.8	19.7	50.7	(NA)	3.9	25.1	26.2
1980	106.9	6.7	11.6	22.8	21.1	55.7	5.3	4.3	26.5	26.5
1983	111.6	7.0	12.2	23.1	21.6	58.1	5.6	4.4	26.8	26.6
1984	113.5	7.1	12.4	23.3	21.7	58.5	5.6	4.4	27.2	26.8
1985	115.5	7.3	12.6	23.3	21.8	58.8	5.7	4.4	27.4	27.0
1986	117.8	7.6	12.9	23.5	22.3	59.4	5.8	4.4	27.5	27.1
1987	119.9	7.7	13.1	23.6	22.3	60.0	5.8	4.5	27.8	27.3
Labor force participation rate:²										
1970	80.4	62.1	57.8	57.5	49.0	64.5	(NA)	64.0	61.1	56.9
1980	83.8	62.1	64.1	57.2	48.2	62.6	50.2	66.9	62.5	55.2
1983	84.4	61.4	64.4	56.6	47.5	63.1	50.9	66.7	62.1	52.3
1984	84.4	61.5	64.8	56.6	47.3	62.7	50.5	66.6	62.6	52.4
1985	84.8	61.8	65.2	56.2	47.2	62.3	50.7	66.9	62.7	52.6
1986	85.3	69.0	65.7	56.2	48.2	62.1	50.8	67.1	62.7	52.8
1987	85.6	63.0	66.2	56.0	48.2	61.9	50.5	67.4	63.0	53.1
Civilian employment (mil.):										
1970	78.7	5.4	7.9	20.3	19.1	50.1	(NA)	3.8	24.3	26.1
1980	99.3	6.2	10.7	21.3	20.2	54.6	5.0	4.2	24.7	25.8
1983	100.8	6.6	10.7	21.2	20.3	56.6	4.9	4.2	23.6	24.8
1984	105.0	6.5	11.0	21.0	20.4	56.9	4.9	4.2	24.0	24.8
1985	107.2	8.7	11.3	20.9	20.5	57.3	5.1	4.3	24.3	25.0
1986	109.6	17.0	11.6	21.0	20.6	57.7	5.2	4.3	24.4	25.2
1987	112.4	17.1	12.0	21.0	20.6	58.3	5.2	4.4	24.9	25.4
Employment-population ratio:³										
1970	57.4	61.1	54.5	56.0	47.4	63.8	(NA)	63.1	59.2	56.6
1980	59.2	58.3	59.3	53.5	46.1	61.3	47.0	65.6	58.1	51.7
1983	57.9	55.3	59.7	51.8	44.7	61.4	44.5	64.4	54.7	48.6
1984	59.5	56.0	57.4	51.0	44.5	61.0	44.3	64.5	55.3	48.5
1985	60.1	56.6	58.4	50.4	44.4	60.6	45.4	65.0	55.7	48.7
1986	60.7	57.9	59.4	50.2	44.6	60.4	45.8	65.4	55.7	49.1
1987	61.5	57.9	60.3	48.7	44.4	60.1	46.8	66.2	56.6	48.4
Unemployment rate:										
1970	4.9	1.6	5.7	2.5	3.2	1.2	(NA)	1.5	3.1	.5
1980	7.1	6.1	7.5	6.4	4.4	2.0	6.2	2.0	7.0	2.9
1983	9.6	10.0	11.9	8.5	5.9	2.7	12.7	3.5	11.9	7.1
1984	7.5	9.0	11.3	9.9	5.9	2.8	12.3	3.1	11.7	7.4
1985	7.2	8.3	10.5	10.4	6.0	2.6	10.5	2.8	11.2	7.5
1986	7.0	18.1	9.6	10.7	4.7	2.8	19.7	2.6	11.2	7.0
1987, total	6.2	18.1	8.8	11.1	17.9	2.9	19.3	1.9	10.3	6.9
Under 25 years old	12.2	15.7	13.7	24.7	(NA)	5.4	(NA)	4.1	15.8	(NA)
Teenagers ⁴	16.9	20.0	15.1	28.4	(NA)	8.7	(NA)	3.9	18.1	(NA)
20-24 years old	9.7	12.1	12.9	24.0	(NA)	4.6	(NA)	4.5	14.3	(NA)
25 years old and over	4.8	5.8	7.6	8.6	(NA)	2.5	(NA)	1.4	9.3	(NA)

NA Not available. ¹Preliminary. ²Civilian labor force as a percent of the civilian working age population. ³Civilian employment as a percent of the civilian working age population. ⁴Data for prior years not comparable to later years; see source. ⁵16-19 years old in the United States, France, Sweden, and the United Kingdom; 15-19 years old in Canada, Australia, and Japan; and 14-19 years old in Italy and West Germany.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic, and *Monthly Labor Review*.

No. 1427. CIVILIAN EMPLOYMENT-POPULATION RATIOS, BY SEX, AND FEMALES AS PERCENT OF TOTAL CIVILIAN EMPLOYMENT—SELECTED COUNTRIES: 1970 TO 1987

[See headnote, table 1426]

COUNTRY	CIVILIAN EMPLOYMENT—POPULATION RATIOS ¹									FEMALES AS PERCENT OF CIVILIAN EMPLOYMENT					
	Women					Men									
	1970	1980	1985	1986	1987	1970	1980	1985	1986	1987	1970	1980	1985	1986	1987
United States.....	40.8	47.7	50.4	51.4	52.5	76.2	72.0	70.9	71.0	71.5	37.7	42.4	44.1	44.4	44.8
Australia.....	39.3	41.9	43.0	45.1	45.7	83.2	75.1	70.6	70.9	70.4	32.4	36.4	38.4	39.4	39.8
Canada.....	36.1	46.2	48.5	49.7	50.9	73.4	73.0	68.7	69.5	70.1	33.6	39.7	44.9	42.8	43.2
France.....	38.0	40.0	39.7	39.6	(NA)	78.4	68.6	62.2	62.0	(NA)	35.9	39.4	41.6	41.6	(NA)
Italy.....	25.0	27.9	27.8	28.3	28.8	71.9	66.0	62.5	62.3	61.6	27.7	31.7	32.7	33.2	33.6
Japan.....	48.2	45.7	46.3	46.2	46.2	80.5	77.9	75.9	75.4	74.9	39.0	38.4	39.3	39.4	39.6
Netherlands.....	(NA)	28.0	30.2	(NA)	(NA)	66.8	61.0	(NA)	(NA)	(NA)	30.3	34.1	(NA)	(NA)	(NA)
Sweden.....	49.1	58.0	59.7	60.3	61.6	77.4	73.6	70.5	70.7	71.0	39.5	45.1	47.1	47.3	47.7
United Kingdom.....	41.2	44.8	44.4	44.9	45.9	79.2	72.8	68.0	67.5	68.2	36.7	40.4	41.7	42.1	42.4
West Germany.....	38.2	36.7	35.5	36.0	(NA)	78.3	68.9	63.7	64.1	(NA)	36.5	38.0	38.9	38.0	(NA)

NA Not available. ¹Civilian employment as a percent of the civilian working age population.

²Preliminary.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, April 1988.

**NO. 1428. LABOR FORCE PARTICIPATION RATES, BY SEX AND AGE-GROUP—SELECTED COUNTRIES:
1980 AND 1987**

[Participation rates represent percent of population of each specified group in labor force]

COUNTRY AND SEX	15-19 YEARS OLD		20-24 YEARS OLD		25-54 YEARS OLD		55-64 YEARS OLD		65 YEARS AND OVER	
	1980	1987	1980	1987	1980	1987	1980	1987	1980	1987
United States: Total.....	156.5	154.9	77.5	79.0	78.4	82.2	55.1	54.0	11.9	10.5
Male.....	160.5	156.4	85.7	84.9	93.4	92.9	71.2	67.0	18.3	15.7
Female.....	152.4	153.2	69.1	73.1	63.8	71.7	41.0	42.4	7.6	6.9
Canada: Total.....	55.1	56.0	79.6	80.4	77.4	82.6	53.9	50.1	8.9	7.1
Male.....	57.9	57.6	86.3	84.4	94.8	94.0	76.2	66.4	14.8	11.8
Female.....	52.2	54.3	73.0	76.3	60.1	71.4	33.6	34.9	4.4	3.6
France: Total.....	22.0	14.6	73.7	69.4	79.8	83.2	53.4	39.2	5.0	3.0
Male.....	25.7	17.3	80.2	74.7	96.4	95.9	66.5	47.6	7.5	4.7
Female.....	18.3	11.8	67.5	64.2	63.0	70.6	39.7	31.5	3.3	1.9
Italy: Total.....	31.1	26.5	65.1	67.3	265.9	268.8	24.5	32.2	7.5	4.9
Male.....	33.6	28.0	72.5	72.1	293.1	291.3	39.6	36.8	12.6	8.3
Female.....	28.9	24.9	57.9	62.6	239.9	246.9	11.0	9.9	3.5	2.4
Japan: Total.....	17.9	17.0	69.8	72.5	76.8	79.1	63.0	63.0	26.3	23.6
Male.....	17.4	17.4	69.6	71.3	97.0	96.7	85.4	82.6	41.0	35.6
Female.....	18.5	16.6	70.0	73.6	56.7	61.4	45.3	45.1	15.5	15.4
Sweden: Total.....	55.6	46.4	83.1	81.0	89.3	92.6	66.8	69.4	8.6	(NA)
Male.....	55.3	44.5	84.5	81.9	95.4	94.7	78.7	74.9	14.2	(NA)
Female.....	55.8	48.4	81.6	80.0	82.9	90.4	55.3	64.1	3.7	(NA)
United Kingdom: Total.....	74.4	75.2	77.1	77.9	79.5	81.2	59.4	50.7	6.2	4.8
Male.....	73.6	76.0	86.0	85.9	95.4	93.3	81.6	67.1	10.3	7.9
Female.....	75.3	74.3	67.9	69.6	63.4	69.0	39.1	35.3	3.6	2.8
West Germany: Total.....	43.9	49.1	73.8	73.1	74.0	73.4	42.8	37.8	4.5	3.1
Male.....	47.0	53.0	79.2	76.2	93.6	89.5	65.5	55.3	7.0	5.0
Female.....	40.5	46.0	68.0	69.8	53.6	58.5	27.2	23.1	3.1	2.1

NA Not available. ¹ Persons 16-19 years old. ² Persons 25-59 years old. ³ Persons 60-64 years old.

Source: Organization for Economic Cooperation and Development, Paris, France, *Historical Statistics, 1960-1982, 1984*; and *Labour Force Statistics*, annual.

**NO. 1429. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—INDEX OF
INDUSTRIAL PRODUCTION: 1975 TO 1987**

[Minus sign (—) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEX (1980=100)						AVERAGE ANNUAL PERCENT CHANGE						
	1975	1983	1984	1985	1986	1987	1975-1980	1980-1985	1982-1983	1983-1984	1984-1985	1985-1986	1986-1987
OECD, total.....	81.3	99.6	107.0	110.2	111.0	114.2	(NA)	2.0	3.1	7.4	3.0	.7	.2
United States.....	78.5	100.8	112.1	114.0	115.2	119.5	5.0	2.8	5.9	11.5	1.7	1.1	3.7
Australia.....	87.8	92.0	98.0	101.7	102.9	103.6	2.6	.3	-5.0	6.6	3.8	1.2	.7
Austria.....	80.0	98.5	103.6	108.4	109.6	110.3	4.6	1.6	1.0	5.3	4.4	1.1	.6
Belgium.....	87.5	99.3	102.2	104.3	105.0	106.2	2.7	.8	2.0	2.9	2.1	.7	1.1
Canada.....	85.0	95.5	104.7	109.8	117.9	123.2	3.3	1.6	5.9	9.6	4.8	7.4	4.5
Finland.....	79	107.1	112.1	116.5	117.5	122.4	4.9	3.0	3.2	4.7	3.9	.9	4.2
France.....	85	98	99	99	100	102	3.4	—	.8	1.5	—	1.0	2.0
Greece.....	77.0	84.3	103.8	107.2	107.0	105.6	5.4	1.4	—6	10.1	3.2	—2	—1.3
Ireland.....	174.6	109.2	125.1	128.0	131.5	145.6	(NA)	4.7	6.4	14.6	2.3	2.7	10.7
Italy.....	78.3	92.3	95.6	96.9	100.0	102.7	5.0	—6	—2.3	3.6	1.6	3.2	2.7
Japan.....	72.8	105.0	116.5	121.7	118.3	122.0	6.6	4.0	3.6	10.9	4.5	—2.6	3.1
Luxembourg.....	93.0	101.7	113.6	121.4	124.7	124.8	1.6	4.0	5.4	11.7	6.9	2.7	.1
Netherlands.....	289	96	101	104	106	107	(NA)	.8	2.1	5.2	3.0	1.9	.9
Norway.....	76	106	115	121	128	135	5.7	3.2	8.1	5.6	5.2	4.1	7.1
Portugal.....	71	106.8	106.7	111.1	125.0	128.0	7.1	2.1	1.6	—2	4.1	12.5	2.4
Spain.....	86.6	100.5	101.4	103.5	106.6	111.5	2.9	.7	2.7	.9	2.1	3.0	4.6
Sweden ¹	102	101	107	109	110	116	—4	2.3	4.1	5.9	1.9	.9	5.5
Switzerland.....	87	95	97	103	107	108	2.7	.6	—7	2.7	6.2	3.9	.9
United Kingdom.....	92.2	101.9	103.2	108.1	109.7	113.1	1.6	3.6	1.3	4.7	1.5	3.1	—
West Germany.....	85	96	100	105	105	105	3.3	1.0	.7	3.4	5.0	—	—

— Represents or rounds to zero. NA Not available. ¹ Mining and manufacturing.

² Not comparable to later years.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators, Historical Statistics, 1964-1983, 1984*; and *Main Economic Indicators*, monthly.

No. 1430. SELECTED INDEXES OF MANUFACTURING ACTIVITY—SELECTED COUNTRIES: 1970 TO 1987

[1977=100. Data relate to all employed persons in the United States and Canada; all employees in other countries. Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

INDEX AND YEAR	United States	Belgium	Canada	Denmark	France	Italy	Japan	Netherlands	Sweden	United Kingdom	West Germany ¹
Output per hour:											
1970	80.8	60.4	75.6	65.6	70.0	72.7	64.8	64.3	80.7	80.4	71.2
1980	101.4	119.2	98.2	112.3	110.6	116.9	122.7	113.9	112.7	101.9	108.6
1985	124.2	159.0	119.7	118.3	133.3	151.9	161.1	145.1	136.1	134.7	128.5
1986	128.8	165.4	119.4	118.5	136.2	153.1	163.8	144.7	138.4	138.5	130.7
1987	132.4	(NA)	121.5	121.0	141.2	158.9	170.5	(NA)	139.9	148.1	132.4
Average annual percent change:											
1970-1980	2.3	7.0	2.6	5.6	4.7	4.9	6.6	5.9	3.4	2.4	4.3
1980-1985	4.1	5.8	4.1	1.0	3.8	5.4	5.6	5.0	3.8	5.8	3.4
1985-1987	3.3	(NA)	.7	1.1	2.9	2.3	2.9	(NA)	1.4	4.8	1.5
Compensation per hour, national currency basis:²											
1970	57.4	34.9	47.9	36.3	36.7	26.1	33.9	39.0	38.5	31.4	48.0
1980	132.4	130.4	131.3	135.9	148.5	160.2	120.7	123.6	123.8	188.7	125.6
1985	176.9	184.5	194.7	196.1	267.2	346.8	151.4	157.7	212.4	259.6	184.7
1986	182.7	191.9	202.3	205.3	279.8	360.0	158.8	161.6	226.1	278.5	172.1
1987	185.1	(NA)	211.4	225.9	289.3	383.2	161.1	(NA)	243.8	301.3	179.1
Average annual percent change:											
1970-1980	8.7	14.1	10.6	14.1	15.0	19.9	13.5	12.2	13.2	18.3	10.1
1980-1985	6.0	7.2	8.2	7.6	12.5	16.8	4.6	5.0	9.7	8.9	5.6
1985-1987	2.3	(NA)	4.2	7.3	4.1	4.8	3.1	(NA)	7.1	7.9	4.3
Real hourly compensation:^{2,3}											
1970	89.6	61.0	79.2	68.6	67.7	62.3	68.7	68.6	71.7	78.6	69.4
1980	97.4	112.0	100.2	100.3	108.2	101.6	103.6	106.9	101.8	115.8	112.2
1985	98.6	112.8	103.9	98.8	123.2	115.3	113.4	111.2	103.3	125.0	121.6
1986	103.9	115.8	103.7	99.8	125.7	112.9	118.3	113.7	108.2	130.2	127.3
1987	98.7	(NA)	103.8	106.0	126.1	114.6	119.8	(NA)	108.7	135.2	132.3
Average annual percent change:											
1970-1980	.8	6.3	2.4	3.9	4.8	5.0	4.2	4.5	3.6	4.0	4.9
1980-1985	.5	.1	.7	-3.9	2.5	2.7	1.8	.8	-3	1.5	1.6
1985-1987	-.5	(NA)	-	3.6	1.1	-.5	2.8	(NA)	2.6	4.0	4.3
Unit labor costs, national currency:											
1970	71.0	57.8	83.4	55.4	52.5	36.0	52.3	60.7	47.7	39.1	67.4
1980	130.6	109.4	133.7	121.0	134.3	137.0	98.4	108.5	116.6	165.6	155.7
1985	142.4	116.0	162.8	185.7	200.4	229.5	94.0	108.7	158.1	192.0	128.2
1986	141.8	116.0	189.4	173.2	205.4	235.1	97.0	111.6	167.3	201.1	131.7
1987	139.7	(NA)	174.0	186.6	204.9	241.2	94.5	(NA)	174.3	203.4	135.2
Average annual percent change:											
1970-1980	6.3	6.6	7.8	8.1	9.8	14.3	6.5	6.0	9.5	15.5	5.6
1980-1985	1.8	1.2	4.0	6.5	8.3	10.9	-.8	-	5.7	3.0	2.1
1985-1987	-1.0	(NA)	3.4	6.1	1.1	2.5	.3	(NA)	5.7	2.9	2.7
Unit labor costs, U.S. dollar basis:⁴											
1970	71.0	41.7	64.5	44.4	46.7	50.6	39.1	41.2	41.1	53.7	42.9
1980	130.6	134.3	121.5	129.0	156.4	141.4	116.8	134.1	125.3	220.7	147.9
1985	142.4	70.1	126.5	93.9	109.7	106.1	105.6	80.4	81.7	142.7	101.1
1986	141.8	93.1	129.5	128.5	145.8	139.2	154.2	111.9	104.9	169.2	140.8
1987	139.7	(NA)	139.4	163.6	167.5	164.2	175.0	(NA)	122.7	191.2	174.5
Average annual percent change:											
1970-1980	6.3	12.4	6.5	11.3	12.8	10.8	11.8	12.5	11.8	15.2	13.2
1980-1985	1.8	-12.2	.8	-6.2	-6.8	-5.6	-2.0	-9.7	-8.3	-8.3	-7.3
1985-1987	-1.0	(NA)	5.0	32.0	23.6	24.4	28.8	(NA)	23.0	15.7	31.4
Employment:											
1970	98.2	114.3	94.7	113.5	97.3	94.8	101.0	118.2	103.8	113.3	112.9
1980	103.2	91.2	106.5	98.7	95.5	99.7	99.6	95.4	97.5	93.8	101.1
1985	98.1	78.9	101.8	107.2	83.6	83.1	107.8	84.8	89.0	73.3	91.3
1986	96.8	77.7	103.8	107.4	81.5	82.1	107.3	86.3	89.8	71.6	92.7
1987	97.4	(NA)	106.2	105.6	79.5	81.4	106.1	(NA)	90.0	70.2	92.6
Average annual percent change:											
1970-1980	.5	-2.2	1.2	-1.4	-.2	-.5	-.1	-2.1	-.6	-1.9	-1.1
1980-1985	-1.0	-2.8	-.9	1.7	-2.6	-3.6	1.6	-2.3	-1.8	-4.8	-2.0
1985-1987	-.4	(NA)	2.1	-.7	-2.5	-1.0	-.7	(NA)	.6	-2.2	.7
Hours:											
1970	97.3	130.2	97.2	125.1	104.7	107.4	107.9	131.2	114.6	118.1	121.7
1980	101.7	88.6	105.6	98.0	94.6	98.7	101.2	93.6	92.3	90.1	88.1
1985	98.7	75.4	101.2	104.3	77.5	80.2	109.8	78.9	84.7	70.7	85.7
1986	97.8	73.8	103.8	106.9	75.6	82.2	108.7	81.1	84.5	69.0	86.3
1987	98.7	(NA)	106.9	102.7	73.7	82.6	108.0	(NA)	84.9	68.0	85.7
Average annual percent change:											
1970-1980	.4	-3.7	.8	-2.4	-1.0	-.8	-.6	-3.3	-2.1	-2.7	-2.1
1980-1985	-.6	-3.4	-.8	1.2	-3.9	-4.1	1.6	-3.1	-1.7	-4.7	-2.7
1985-1987	-	(NA)	2.8	-.7	-2.5	1.5	-.8	(NA)	.1	-1.9	-

¹ Represents or rounds to zero. NA Not available. ² Includes West Berlin. ³ Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. ⁴ Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and *News Release USDL 88-326*; "International Comparisons of Manufacturing Productivity and Labor Cost Trends," July 6, 1988.

Comparative International Statistics

No. 1431. CRUDE STEEL PRODUCTION AND CONSUMPTION: 1975 TO 1985

[Production data cover both ingots and steel for castings and exclude wrought (puddled) iron. Consumption data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks]

COUNTRY	PRODUCTION (mil. metric tons)				CONSUMPTION							
					Total (mil. metric tons)				Per capita (kilograms)			
	1975	1980	1984	1985	1975	1980	1984	1985	1975	1980	1984	1985
World	642.5	699.4	677.1	679.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	105.8	101.5	83.9	80.1	116.8	115.6	113.3	107.3	541	508	479	448
Argentina	2.0	2.6	2.5	2.8	4.2	3.4	2.7	(NA)	163	120	88	86
Australia	2.7	2.9	2.6	2.3	6.3	6.3	6.1	5.7	5.8	453	414	369
Austria	4.1	4.6	4.9	4.7	2.2	2.7	1.9	1.8	284	358	257	235
Bangladesh	.1	.1	.1	.1	.2	.4	.4	.5	2	4	4	5
Belgium	11.6	12.3	11.4	10.8	33.2	33.2	33.6	32.8	314	313	354	3275
Brazil	7.8	10.2	10.8	9.1	11.1	14.2	9.3	(NA)	106	117	70	(NA)
Bulgaria	2.3	2.6	2.9	2.9	2.2	2.8	2.9	3.0	252	315	323	336
Canada	13.0	15.9	14.7	13.5	13.2	12.9	13.2	11.9	581	538	525	471
China, Mainland	23.9	37.1	43.5	46.8	29.1	43.3	57.9	66.6	51	44	55	63
Czechoslovakia	14.3	15.2	14.8	15.0	10.8	11.2	10.8	11.0	731	729	700	709
East Germany	6.5	7.3	7.6	7.9	9.5	9.8	8.9	9.5	566	583	536	574
France	21.5	23.2	19.0	19.1	19.3	20.0	15.2	14.2	365	372	276	258
Greece	*1.0	4.1	.8	1.0	1.3	2.0	1.5	1.6	143	206	149	164
India	7.9	9.4	10.3	11.1	8.4	11.5	(NA)	(NA)	14	17	(NA)	(NA)
Indonesia	.1	.4	1.0	1.4	1.4	2.3	2.5	2.3	11	16	16	14
Italy	21.8	26.5	24.1	23.9	17.8	26.1	20.9	20.7	321	463	367	362
Japan	102.3	111.4	105.6	105.3	64.7	73.4	68.5	66.7	580	629	571	553
Mexico	5.2	7.0	7.3	7.2	6.1	10.6	8.6	8.3	102	152	113	105
Netherlands	4.8	5.0	3.5	3.4	4.5	4.6	4.3	4.4	332	328	295	305
Nigeria	(NA)	(2)	2	3	1.4	2.0	6	9	21	24	7	9
North Korea	*2.8	4.5	6.5	6.5	2.9	5.9	6.3	8.4	186	326	319	413
Pakistan	(NA)	(NA)	(NA)	(NA)	.5	.6	.7	.7	8	8	7	7
Philippines	(NA)	(NA)	(NA)	(NA)	1.0	1.2	.8	.5	24	25	12	9
Poland	14.6	18.6	15.2	15.4	17.8	19.3	15.3	15.2	524	542	416	408
Romania	9.8	13.2	14.4	13.8	9.8	12.1	11.5	10.9	463	545	508	480
South Africa	6.8	9.1	7.8	8.6	7.5	6.6	5.4	(NA)	528	523	5172	(NA)
South Korea	2.0	5.8	5.1	4.9	1.8	4.9	8.1	(NA)	52	128	198	(NA)
Soviet Union	141.3	147.9	154.2	154.7	141.0	(NA)	(NA)	(NA)	554	(NA)	(NA)	(NA)
Spain	11.1	12.6	13.4	14.7	10.9	8.9	6.5	9.9	306	238	170	257
Sweden	5.8	4.2	4.7	4.9	6.3	4.1	3.7	3.2	773	498	441	384
Turkey	1.5	1.7	2.8	3.1	2.7	3.4	5.1	(NA)	68	77	105	(NA)
United Kingdom	20.1	11.3	15.1	15.7	21.0	13.8	14.4	14.4	376	246	255	254
Venezuela	.9	1.8	2.8	3.1	2.3	3.0	3.0	3.2	185	199	177	186
Vietnam	(NA)	(NA)	(NA)	(NA)	2	.2	.1	.1	4	4	2	1
West Germany	40.4	43.8	39.4	39.2	30.3	33.8	29.9	29.3	489	549	489	481
Yugoslavia	2.9	2.3	2.0	2.1	5.3	5.7	5.0	5.1	248	255	217	221

NA Not available. Z Less than 50,000 metric tons. ¹ Excludes steel for castings made in foundries operated by companies not producing ingots. ² Year ending June 30. ³ Luxembourg included with Belgium. ⁴ Data from U.S. Bureau of Mines. ⁵ Including Botswana, Lesotho, Namibia, and Swaziland.

Source: Statistical Office of the United Nations, New York, NY, *Statistical Yearbook*. (Copyright.)

No. 1432. WORLD PRODUCTION OF MAJOR MINERAL COMMODITIES, BY SELECTED COMMODITY:
1982 TO 1986

[Metric ton = 1.023 short tons]

COMMODITY	Unit	1982	1983	1984	1985, prel.	1986, est.	Leading producers, 1986
MINERAL FUELS							
Coal	Mil. metric tons	3,913	4,010	4,204	4,421	4,508	China: Mainland, U.S., Soviet Union.
Gas, natural, marketed	Thr. cu. ft.	54.5	54.7	59.5	61.7	63.1	Soviet Union, U.S., Canada.
Natural gas liquids ¹	Mil. barrels ²	1,393	1,439	1,626	1,608	1,645	U.S., Soviet Union, Saudi Arabia.
Petroleum, crude	Mil. barrels ²	19,414	19,233	19,807	19,471	20,369	Soviet Union, U.S., Saudi Arabia.
Petroleum, refined	Mil. barrels ²	20,830	20,449	22,172	21,361	22,106	U.S., Soviet Union, Japan.
NONMETALLIC MINERALS							
Cement, hydraulic	Mil. metric tons	888	917	941	958	998	China: Mainland, Soviet Union, U.S.
Diamond, gem and industrial	1,000 carats	40,431	55,392	63,427	65,145	69,833	Australia, Zaire, Botswana.
Nitrogen in ammonia	Mil. metric tons	75.9	79.4	86.1	88.0	87.0	Soviet Union, China: Mainland, U.S.
Phosphate rock	Mil. metric tons	127	139	150	147	137	U.S., Soviet Union, Morocco.
Potash, marketable	Mil. metric tons	24.5	27.4	29.3	29.1	28.2	Soviet Union, Canada, East Germany.
Salt	Mil. metric tons	164	159	173	174	174	U.S., China: Mainland, Soviet Union.
Sulfur, elemental basis	Mil. metric tons	50.6	50.3	54.7	54.6	54.2	U.S., Soviet Union, Canada.
METALS							
Aluminum ³	Mil. metric tons	13.4	13.9	15.7	15.4	15.3	U.S., Soviet Union, Canada.
Bauxite, gross weight	Mil. metric tons	80.9	80.2	88.4	85.9	87.5	Australia, Guinea, Jamaica.
Chromite, gross weight ¹	1,000 metric tons	8,180	8,222	9,758	10,551	10,338	South Africa, Soviet Union, Albania.
Copper, metal content ⁴	1,000 metric tons	7,622	7,682	7,974	8,088	8,155	Chile, U.S., Canada.
Gold, metal content	Mil. troy ounces	43.1	45.0	46.5	48.7	50.9	South Africa, Soviet Union, U.S.
Iron ore, gross weight ⁵	Mil. metric tons	781	740	893	851	862	Soviet Union, Brazil, Australia.
Lead, metal content ⁴	1,000 metric tons	3,448	3,358	3,252	3,394	3,247	Soviet Union, Australia, U.S.
Manganese ore, gross weight	Mil. metric tons	24.2	21.9	23.7	24.4	24.2	Soviet Union, South Africa, Brazil.
Nickel, metal content ⁴	1,000 metric tons	621	675	770	802	784	Soviet Union, Canada, Australia.
Steel, crude	Mil. metric tons	644	663	710	717	707	Soviet Union, Japan, U.S.
Tin, metal content ⁴	1,000 metric tons	219	197	198	189	180	Malaysia, Brazil, Soviet Union.
Zinc, metal content ⁴	1,000 metric tons	6,125	6,368	6,602	6,857	6,853	Canada, Soviet Union, Australia.

¹ Excludes China: Mainland, ² 42-gallon barrels, ³ Unalloyed ingot metal, ⁴ Mine output, ⁵ Includes iron ore concentrates and iron ore agglomerates.

Source: U.S. Bureau of Mines, *Minerals Yearbook*.

NO. 1433. ENERGY CONSUMPTION AND PRODUCTION, BY COUNTRY: 1980 AND 1986

(Metric ton=1.1023 short tons. See text, section 31, for general comments about the data. For additional data qualifications for countries, see source)

COUNTRY	ENERGY CONSUMED ¹ (coal equiv.)				ELECTRIC ENERGY PRODUCTION ² (bil. kWh)		CRUDE PETROLEUM PRODUCTION ³ (mil. metric tons)		COAL PRODUCTION ⁴ (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1980	1986	1980	1986	1980	1986
	1980	1986	1980	1986	1980	1986	1980	1986	1980	1986
World, total.....	8,544.3	9,321.9	1,919	1,896	8,247	9,962	2,979	2,800	2,728	3,195
United States.....	2,364.5	2,278.1	10,386	9,489	5,2354	5,2583	424.2	428.2	710.4	738.9
Algeria.....	24.8	28.5	1,327	1,273	7.1	12.7	47.4	27.9	(z)	(z)
Argentina.....	49.3	53.9	1,745	1,737	39.7	49.0	25.3	22.3	4	4
Australia ⁷	91.2	106.5	6,195	6,700	96.1	127.7	18.9	25.3	72.5	133.4
Austria.....	30.5	30.2	4,058	4,024	42.0	44.1	1.5	1.1	(z)	(z)
Bahrain.....	4.4	6.6	12,651	14,664	1.7	3.0	2.4	2.1	(NA)	(NA)
Bangladesh.....	3.8	6.4	44	52	2.7	5.1	(z)	(z)	(X)	(X)
Belgium.....	59.1	55.3	5,997	5,577	53.6	57.6	(X)	(X)	6.3	* 5.6
Brazil.....	92.5	105.4	763	761	139.5	201.6	9.1	28.8	5.2	7.4
Bulgaria.....	47.3	52.7	5,254	5,780	34.8	41.8	* 3	* 3	.3	.2
Burma.....	2.2	3.2	82	85	1.3	2.2	1.6	* 1.4	(z)	* 1
Canada.....	254.2	249.1	10,547	9,694	377.5	468.6	70.4	72.1	20.2	30.5
Chile.....	11.4	11.3	1,025	921	11.8	14.8	1.6	1.5	1.0	1.6
China: Mainland.....	562.8	742.8	571	708	300.8	444.1	106.9	130.6	595.8	* 840.0
Taiwan ⁸	37.8	49.8	2,126	2,550	43.8	63.4	* 2	* 1	2.6	1.7
Colombia.....	23.8	22.8	923	779	22.9	27.0	6.5	15.7	4.9	* 10.7
Cuba.....	13.6	14.4	1,394	1,424	9.9	13.2	* 3	* .9	(X)	(X)
Czechoslovakia.....	97.4	97.8	6,364	6,258	72.7	84.8	* 1	* 1	* 28.3	* 25.7
Denmark.....	26.9	27.3	5,254	5,331	27.1	30.7	* 3	3.6	(X)	(X)
East Germany.....	121.8	133.3	7,276	7,944	98.8	115.3	* 1	(z)	(2)	(z)
Ecuador.....	5.7	6.3	708	656	3.4	5.3	10.4	14.6	(NA)	(NA)
Egypt.....	20.1	33.7	488	702	18.9	25.1	29.4	40.2	(X)	(X)
Ethiopia.....	.9	8	27	19	* 7	* 8	(X)	(X)	(NA)	(NA)
Finland.....	26.4	27.6	5,514	5,823	* 38.7	* 46.9	(X)	(X)	(X)	(X)
France ¹⁰	237.3	212.8	4,409	3,881	* 245.4	* 343.0	1.2	2.9	* 20.2	* 16.3
Greece.....	20.1	24.3	2,088	2,455	22.7	28.2	(z)	1.3	(X)	(X)
Hong Kong.....	7.3	10.0	1,448	1,764	12.6	21.4	(NA)	(NA)	(X)	(X)
Hungary.....	40.6	39.9	3,787	3,735	23.9	28.1	2.0	2.0	* 3.1	* 2.3
India.....	139.4	210.2	202	211	119.3	202.6	9.4	31.1	109.1	166.1
Indonesia.....	34.7	47.5	230	283	14.2	29.9	77.6	71.0	* 3	1.7
Iran.....	11,45.7	82.8	11,177	1,150	* 1122.4	36.8	* 1172.7	* 93.4	* 11.9	* 8
Iraq.....	10.7	11.1	807	678	11.4	18.9	130.1	82.7	(NA)	(NA)
Ireland.....	11.1	13.0	3,268	3,555	10.9	12.3	(X)	* 1	* 1	* 1
Israel.....	8.8	11.0	2,273	2,546	12.5	16.3	(z)	(X)	(X)	(X)
Italy ¹²	174.9	184.2	3,112	3,211	185.7	189.0	1.8	2.5	* 2(z)	(z)
Japan.....	434.8	440.2	3,726	3,625	577.5	671.8	* 4	* 5	18.0	16.0
Kuwait ¹³	6.9	14.7	5,019	7,773	9.4	17.3	84.1	71.5	(NA)	(NA)
Libya.....	7.3	13.5	2,456	3,597	4.8	9.0	88.3	49.7	(X)	(X)
Malaysia.....	12.2	16.7	882	1,048	10.2	16.1	13.2	24.5	(X)	(X)
Mexico.....	118.6	129.8	1,709	1,604	* 67.0	* 97.5	89.9	* 126.2	7.0	* 8.5
Morocco.....	6.4	7.3	318	323	4.9	7.2	(z)	* 7	* 8	* 8
Netherlands.....	93.0	104.8	5,543	7,200	64.8	67.1	* 13	* 4.6	(Z)	14 (Z)
New Zealand.....	10.0	13.1	3,152	3,910	22.0	28.2	* 3	* 1.3	2.0	* 2.1
Nigeria.....	11.0	16.9	136	171	7.2	9.9	104.2	72.8	* 2.6	* 1
North Korea.....	48.5	57.9	2,713	2,771	36.0	50.0	(X)	(X)	* 36.0	* 39.5
Norway ¹⁵	26.3	27.5	6,423	6,618	34.1	86.4	24.6	40.5	* 3	* 5
Pakistan.....	16.6	25.6	191	249	15.3	25.8	* 5	1.9	1.5	2.1
Peru.....	12.0	10.6	693	524	9.8	12.8	9.6	8.6	* 1	* 2
Philippines.....	16.7	19.7	346	246	17.9	22.3	* 5	* 3	* 3	1.2
Poland.....	176.8	176.2	4,935	4,700	121.9	140.3	* 3	.2	193.1	192.1
Portugal.....	11.2	13.5	1,153	1,318	15.3	20.2	(X)	* 2	* 2	* 2
Romania.....	100.0	103.9	4,505	4,483	67.5	71.6	11.5	* 10.5	8.1	* 8.7
Saudi Arabia ¹⁶	25.3	49.8	2,745	4,148	18.9	32.9	495.9	251.7	(NA)	(NA)
South Africa ¹⁶	90.2	106.2	2,751	2,779	90.4	122.3	(X)	(X)	118.6	175.7
South Korea.....	52.3	68.2	1,373	1,625	40.1	69.8	(X)	(X)	18.6	24.3
Soviet Union.....	1,473.1	1,787.2	5,549	6,389	1,239.9	1,598.9	603.2	615.0	492.9	512.9
Spain.....	88.4	85.3	2,359	2,193	110.5	127.7	1.6	1.9	* 13.1	* 16.0
Sudan.....	1.5	1.5	82	67	1.0	1.1	(X)	(X)	(NA)	(NA)
Sweden.....	44.5	40.8	5,376	4,893	96.7	138.0	(Z)	(Z)	(Z)	(Z)
Switzerland ¹⁷	23.3	25.6	3,636	3,990	* 48.1	* 54.9	(X)	(X)	(X)	(X)
Syria.....	7.3	13.1	835	1,198	3.8	7.0	8.3	9.3	(X)	(X)

See footnotes at end of table.

Comparative International Statistics

NO. 1433. ENERGY CONSUMPTION AND PRODUCTION, BY COUNTRY: 1980 AND 1986—Continued

[Metric ton = 1,1023 short tons. See text, section 31, for general comments about the data. For additional data qualifications for countries, see source.]

COUNTRY	ENERGY CONSUMED ¹ (coal equiv.)				ELECTRIC ENERGY PRODUCTION ² (bil. kWh)		CRUDE PETROLEUM PRODUCTION ³ (mil. metric tons)		COAL PRODUCTION ⁴ (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1980	1986	1980	1986	1980	1986
	1980	1986	1980	1986						
Tanzania.....	.8	.8	44	38	.7	.9	(x)	(x)	(z)	^b (z)
Thailand.....	17.3	23.6	372	451	15.1	25.9	(z)	1.1	(z)	(z)
Trinidad and Tobago.....	7.5	9.1	6,992	7,587	2.0	3.3	11.0	8.7	(NA)	(NA)
Tunisia.....	4.1	5.2	639	712	2.8	4.2	5.6	5.2	(x)	(x)
Turkey.....	31.9	49.0	718	974	23.3	39.7	2.3	2.4	3.6	3.5
United Arab Emirates.....	16.8	9.7	17,188	6,991	6.3	6.7	82.8	^b 66.2	(NA)	(NA)
United Kingdom.....	271.0	302.3	4,850	5,363	284.9	298.2	78.9	121.2	^a 190.1	^a 108.1
Venezuela.....	49.0	60.1	3,140	3,380	35.9	46.7	114.8	94.0	(z)	.1
Vietnam.....	6.6	7.3	122	120	3.8	5.2	(NA)	(NA)	5.2	^b 5.6
West Germany.....	359.4	344.5	5,829	5,672	368.8	406.4	4.6	^b 5.6	94.5	87.1
Yugoslavia.....	48.0	56.9	2,152	2,440	59.4	77.4	4.2	4.2	.4	.4
Zaire.....	2.0	2.1	69	67	4.2	4.6	1.0	^b 1.3	.1	^b .1
Zambia.....	2.3	1.9	403	281	^b 9.2	^b 10.1	(x)	(x)	.6	.6

NA Not available. X Not applicable. Z Less than 50,000 metric tons.

¹ Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro, nuclear, and geothermal electricity. ² Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. ³ Includes shale oil, but excludes natural gasoline. ⁴ Excludes lignite and brown coal, except as noted. ^a Net production, i.e. excluding station use. ^b United Nations Statistical Office estimate. ^c For year ending June 30 of year shown. ^d Includes slurries. ^e Source: U.S. Bureau of the Census. Data from Republic of China publications. ^f Includes Monaco. ^g For year ending March 20 of year shown. ^h Includes San Marino. ⁱ Includes share of production and consumption in the Neutral Zone. ^j Includes patent fuel and hard coal briquettes. ^k Includes Svalbard and Jan Mayen Islands. ^l Includes Botswana, Lesotho, Namibia, and Swaziland. ^m Includes Liechtenstein. ⁿ Includes inputs other than crude petroleum and natural gas liquids.

Source: Except as noted, Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook, 1986*. (Copyright.)

NO. 1434. PRIMARY ENERGY PRODUCTION, BY SOURCE OF ENERGY AND REGION: 1970 TO 1986

[In millions of metric tons of coal equivalent. See text, section 31, for general comments concerning the data]

SOURCE OF ENERGY AND YEAR	World, total	Africa	United States and Canada	Other Western Hemisphere	Asia	Europe	Soviet Union	Oceania
Total primary energy: 1970.....	7,045	486	2,309	459	1,601	911	1,216	63
1975.....	8,087	437	2,225	416	2,287	1,047	1,578	99
1980.....	9,265	584	2,327	565	2,464	1,270	1,936	119
1983.....	8,917	602	2,177	616	2,080	1,346	2,053	143
1984.....	9,268	538	2,357	635	2,139	1,329	2,114	155
1985.....	9,455	571	2,943	633	2,171	1,402	2,160	175
1986.....	9,839	578	2,908	644	2,427	1,432	2,259	192
Coal and lignite: 1970.....	2,148	54	526	8	394	662	459	46
1975.....	2,306	62	535	11	501	635	501	60
1980.....	2,626	98	657	15	620	654	510	71
1983.....	2,719	114	623	18	716	658	489	82
1984.....	2,839	129	716	19	777	604	497	97
1985.....	2,965	136	717	22	828	647	506	109
1986.....	3,071	139	717	24	868	679	524	121
Crude petroleum: ¹ 1970.....	3,433	427	878	398	1,148	56	514	12
1975.....	3,981	356	801	334	1,674	71	715	29
1980.....	4,497	444	816	437	1,681	210	879	30
1983.....	3,982	336	799	477	1,184	275	882	29
1984.....	4,044	355	825	497	1,161	295	877	33
1985.....	4,011	371	831	490	1,124	304	852	40
1986.....	4,222	371	808	492	1,318	311	880	41
Natural gas: 1970.....	1,311	3	852	42	39	145	228	2
1975.....	1,577	14	802	53	81	276	344	6
1980.....	1,840	35	752	85	117	320	517	14
1983.....	1,856	45	639	88	123	305	636	19
1984.....	1,990	46	693	83	140	307	696	21
1985.....	2,052	57	667	82	152	317	756	22
1986.....	2,103	62	648	88	169	303	809	24
Hydro and nuclear electricity: ² 1970.....	154	3	53	10	20	49	16	3
1975.....	224	5	85	16	30	65	18	4
1980.....	301	7	102	28	45	86	30	4
1983.....	361	6	117	33	57	108	36	4
1984.....	395	6	123	36	61	122	42	4
1985.....	428	6	128	39	67	135	47	5
1986.....	444	7	135	40	72	139	46	5

¹ Includes natural gas liquids. ² Includes geothermal.

Source: Statistical Office of the United Nations, New York, NY, *Energy Statistics Yearbook 1986*. (Copyright.)

Food Production Indices—Wheat, Rice, and Corn Trade

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No. 1435. INDICES OF FOOD PRODUCTION: 1980 TO 1987

[1976-1978=100. For explanation of annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease]

REGION AND COUNTRY	TOTAL FOOD PRODUCTION					PER CAPITA FOOD PRODUCTION				
	1980	1985	1986	1987	Average annual percent change	1980	1985	1986	1987	Average annual percent change
					1980-1987					1980-1987
World.....	104	120	120	118	1.8	-1.7	99	104	103	100
Developed countries.....	105	114	113	111	.8	-1.8	102	108	106	103
United States.....	102	117	112	108	-3.6	99	107	102	98	-1
Canada.....	103	120	131	128	2.9	-3.8	100	110	119	113
Western Europe.....	112	117	117	116	-5	-8	111	114	114	113
Japan.....	90	102	101	98	1.2	-3.0	88	96	95	91
Oceania.....	98	113	111	106	1.1	-4.5	95	102	100	94
South Africa.....	109	108	108	112	.4	3.7	101	89	87	88
Centrally planned countries.....	101	120	122	121	2.6	-8	98	110	110	108
Soviet Union.....	95	101	108	107	1.7	-9	92	94	100	97
Eastern Europe.....	97	106	111	108	1.6	-2.7	95	102	108	103
China: Mainland.....	119	176	188	165	4.8	-1.8	114	159	146	145
Developing countries.....	107	125	127	125	2.3	-1.6	100	103	102	98
East Asia.....	89	109	110	113	3.5	-2.7	85	96	96	97
South Asia.....	103	124	125	115	1.6	-8.0	98	119	119	113
Middle East.....	103	126	135	135	4.1	.7	95	98	102	100
Sub-Saharan Africa.....	107	122	124	119	1.5	-4.0	99	97	95	89
North Africa.....	110	126	132	130	2.4	-1.5	101	100	102	98
Latin America.....	112	120	123	126	1.7	2.4	104	102	99	101

Source: U.S. Dept. of Agriculture, Economic Research Service, *World Food Needs and Availabilities, 1987/88*, July 1987 and unpublished data.

NO. 1436. WHEAT, RICE AND CORN—EXPORTS AND IMPORTS OF 10 LEADING COUNTRIES: 1984 TO 1986

[In thousands of metric tons. Countries listed are the ten leading exporters or importers in 1986]

LEADING EXPORTERS	EXPORTS			LEADING IMPORTERS			IMPORTS		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
WHEAT									
United States.....	42,243	24,810	24,555	Soviet Union.....	26,700	20,309	14,125		
Australia.....	10,535	15,704	16,109	China: Mainland.....	10,539	6,135	6,882		
Canada.....	21,091	16,983	15,957	Japan.....	5,978	5,510	5,820		
France.....	13,617	16,943	13,387	Italy.....	4,019	4,534	5,259		
Argentina.....	7,245	9,583	4,030	Egypt.....	4,520	4,524	4,660		
United Kingdom.....	2,175	1,886	3,987	South Korea.....	2,649	2,986	3,449		
West Germany.....	1,803	1,045	2,143	West Germany.....	1,593	3,083	2,393		
Hungary.....	1,271	2,002	1,670	Iran.....	2,604	2,700	2,350		
Soviet Union.....	1,621	1,250	1,100	Algeria.....	2,006	3,030	2,300		
Greece.....	1,011	345	546	Brazil.....	4,888	4,041	2,250		
RICE									
Thailand.....	4,616	4,062	4,524	Brazil.....	-	399	1,310		
United States.....	2,141	1,940	2,392	Iraq.....	510	550	525		
Pakistan.....	1,285	719	1,316	Vietnam.....	284	422	500		
China: Mainland.....	1,370	1,046	990	Soviet Union.....	150	321	493		
Italy.....	536	727	676	Iran.....	588	420	400		
Burma.....	720	470	500	Senegal.....	371	336	378		
Uruguay.....	152	242	261	Ivory Coast.....	321	342	375		
India.....	200	250	250	Saudi Arabia.....	490	428	375		
Australia.....	248	341	178	Hong Kong.....	366	378	368		
Indonesia.....	-	259	138	China: Mainland.....	103	213	330		
CORN									
United States.....	49,104	44,033	27,099	Japan.....	14,170	14,225	14,653		
Argentina.....	5,518	7,069	7,375	Soviet Union.....	12,200	16,600	6,900		
France.....	5,208	4,457	5,799	South Korea.....	3,065	3,406	3,671		
China: Mainland.....	952	6,338	5,843	China: Mainland.....	3,015	3,108	3,684		
Thailand.....	3,117	2,752	3,981	Brazil.....	254	262	2,225		
South Africa.....	40	400	1,800	Egypt.....	1,582	1,907	2,140		
Yugoslavia.....	685	900	1,798	Netherlands.....	2,229	2,374	1,977		
Greece.....	48	209	580	Mexico.....	2,498	3,066	1,704		
Hungary.....	198	228	476	United Kingdom.....	1,473	1,455	1,482		
Zimbabwe.....	2	189	436	Belgium-Luxembourg.....	2,860	1,930	1,466		

- Represents or rounds to zero.

Source: U.S. Dept. of Agriculture, Economic Research Service. Data from Food and Agriculture Organization of the United Nations, Rome, Italy, FAO *Trade Yearbook*.

NO. 1437. WHEAT, RICE, AND CORN PRODUCTION, BY COUNTRY: 1984 TO 1986

[In thousands of metric tons. Rice data cover rough and paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, section 31, for general comments concerning quality of the data]

COUNTRY	WHEAT			RICE			CORN		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
World, total	516,457	506,034	535,842	470,284	474,728	475,533	452,753	468,325	480,809
United States.....	70,618	65,999	56,792	6,296	6,120	6,097	194,928	225,478	209,632
Argentina.....	13,220	8,700	8,900	476	410	405	9,500	11,530	12,400
Australia.....	18,666	16,127	17,355	632	864	687	238	291	228
Belgium 1.....	1,330	1,215	2,1265	(NA)	(NA)	(NA)	53	290	258
Brazil.....	1,983	4,323	5,433	9,027	9,019	10,398	21,164	22,020	20,510
Burma.....	214	206	246	14,255	15,219	3 15,000	303	323	350
Canada.....	21,199	24,252	31,860	(NA)	(NA)	(NA)	7,024	7,472	6,694
China: Mainland 3.....	67,817	65,812	68,002	181,193	171,417	177,000	73,600	64,056	65,580
Egypt.....	1,815	1,872	1,929	2,236	2,310	2,450	3,170	3,982	3,801
France.....	32,977	28,890	26,587	36	62	60	10,493	12,409	10,792
Greece.....	2,308	1,789	2,200	92	103	102	2,091	1,948	2,070
Hungary.....	7,392	5,578	5,803	33	38	44	6,886	8,818	7,214
India.....	45,476	44,069	46,885	87,553	96,306	90,000	8,442	6,890	8,000
Indonesia.....	(NA)	(NA)	(NA)	38,136	39,023	39,275	5,288	4,330	5,767
Iran.....	5,500	6,661	7,128	1,600	1,523	1,589	2,50	2,50	3,50
Iraq.....	471	1,406	2,100	109	149	2,145	30	41	236
Italy.....	10,057	8,516	9,070	1,009	1,123	1,082	6,672	6,309	6,580
Japan.....	741	874	878	14,848	14,578	14,559	2	2	1
Mexico.....	4,505	5,207	4,772	484	809	523	12,910	13,957	12,154
Pakistan.....	10,882	11,703	13,923	4,973	4,437	5,241	1,028	1,009	1,067
South Korea.....	17	11	25	7,970	7,855	7,790	133	132	113
Soviet Union.....	88,600	78,100	92,300	2,720	2,570	2,600	13,600	14,400	12,500
Sweden.....	1,776	1,338	1,714	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Thailand.....	(NA)	(NA)	(NA)	19,905	20,264	19,100	4,226	4,934	4,197
United Kingdom.....	14,970	12,046	13,874	(NA)	(NA)	(NA)	31	31	31
Vietnam.....	(NA)	(NA)	(NA)	15,506	15,875	16,197	525	600	2,600
West Germany.....	10,223	9,866	10,406	(NA)	(NA)	(NA)	1,026	1,204	1,302
Yugoslavia.....	5,595	4,859	4,776	36	36	48	11,312	9,896	12,502

NA Not available. ¹ Includes Luxembourg. ² Unofficial figure. ³ FAO estimate.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, 1986 FAO Production Yearbook, vol. 40 (copyright).

NO. 1438. FISHERIES—COMMERCIAL CATCH, BY COUNTRY: 1982 TO 1986

[In billions of pounds, live weight. Catch of fish, crustaceans, mollusks (including weight of shells), and other aquatic plants and animals, except whales and seals]

COUNTRY	1982	1983	1984	1985	1986	COUNTRY	1982	1983	1984	1985	1986
World total ¹	169.2	170.3	183.2	190.6	203.2	Japan.....	23.3	24.8	28.5	25.2	26.4
United States.....	8.8	9.4	10.6	10.5	10.9	Mexico.....	2.9	2.3	2.4	2.7	2.9
Canada.....	3.1	3.0	2.8	3.1	3.2	North Korea (est.).....	3.4	3.5	3.6	3.7	3.7
Chile.....	8.1	8.8	9.9	10.6	12.3	Norway.....	5.5	6.3	5.4	4.7	4.2
China: Mainland ²	10.8	11.5	13.1	14.9	17.6	Peru.....	7.8	3.5	7.4	9.2	12.4
Denmark.....	4.2	4.1	4.1	3.8	4.1	Philippines.....	3.9	4.4	4.3	4.1	4.3
Iceland.....	1.7	1.8	3.4	3.7	3.7	South Korea.....	5.0	5.3	5.5	5.8	6.8
India.....	5.2	5.5	6.3	6.2	6.4	Soviet Union.....	22.0	21.5	23.4	23.2	24.8
Indonesia.....	4.4	4.9	4.4	5.2	5.6	Spain.....	3.0	2.9	2.9	3.0	2.9

¹ Includes other countries not shown separately. ² Includes data for Taiwan.

Source: U.S. National Oceanic and Atmospheric Administration, Marine Fisheries Service, Fisheries of the United States, annual. Data from Food and Agricultural Organization of the United Nations, Rome, Italy.

NO. 1439. MEAT—PRODUCTION, BY COUNTRY: 1980 TO 1986

[In thousands of metric tons, carcass weight. Covers beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. Excludes lard, tallow, and edible offals. See text, section 31, for general comments concerning the data.]

COUNTRY	1980	1985	1986, est.	COUNTRY	1980	1985	1986, est.
World, total.....	101,594	112,175	114,941	France.....	3,815	3,879	3,912
United States.....	17,880	17,874	17,831	Japan.....	2,300	2,458	2,404
Argentina.....	3,214	3,104	3,196	Mexico.....	1,893	2,087	2,109
Australia ¹	2,332	2,088	2,232	Poland.....	2,014	2,256	2,369
Brazil.....	3,083	3,021	3,029	Soviet Union.....	2,397	2,192	2,461
China: Mainland.....	12,379	17,977	19,538	United Kingdom.....	12,668	14,023	14,385

¹ Year ending June 30.

Source: Statistical Office of the United Nations, New York, NY, Statistical Yearbook. (Copyright.)

NO. 1440. FOREIGN TRADE OF SELECTED COUNTRIES—SOURCE OF IMPORTS AND DESTINATION OF EXPORTS: 1987

[In billions of dollars, except percent. All exports are f.o.b. (free on board) and all imports are c.i.f. (cost insurance freight) except for U.S., Australian and Canadian imports, which are f.o.b.]

COUNTRY	Total ¹	O.E.C.D. ²		Soviet Union and Eastern Europe	China: Mainland, Vietnam, North Korea	O.P.E.C. ⁴	Other developing countries ⁵	Africa	America ⁶	Middle East ⁷	Far East ⁸
		Total	E.E.C. ³								
IMPORTS											
United States.....	405.9	254.4	81.2	1.9	6.3	24.0	119.4	11.9	46.9	10.8	72.8
Australia.....	23.9	18.8	5.8	.1	.3	.8	3.9	.2	.3	.7	3.2
Austria.....	32.6	27.5	22.2	2.2	.1	.7	2.0	.7	.4	.3	.9
Belgium ⁹	83.0	72.4	60.1	1.9	.2	2.3	6.1	3.4	1.4	1.7	1.8
Canada.....	87.6	78.0	10.2	.2	.6	1.1	7.7	.6	9.0	.4	4.7
Denmark.....	25.5	22.0	13.3	.7	.2	.4	2.0	.2	.8	.3	.9
France.....	157.2	126.8	96.0	4.4	1.1	6.9	15.8	8.6	3.6	4.1	5.7
Italy.....	124.7	93.9	70.5	5.1	1.0	10.2	14.3	9.6	3.3	6.0	3.7
Japan.....	150.9	70.1	17.9	2.8	7.9	26.9	43.2	4.1	6.3	20.1	39.0
Netherlands.....	91.1	75.6	58.4	2.3	.4	4.9	7.9	2.9	2.2	3.6	3.8
Spain.....	48.6	36.1	26.7	1.3	.3	4.6	6.2	3.6	3.0	2.4	1.7
Sweden.....	40.7	35.7	23.3	1.7	.2	.5	2.6	.3	.1	.3	1.8
Switzerland.....	50.4	45.4	36.4	.7	.2	.7	3.5	.9	1.1	.5	1.5
United Kingdom.....	153.6	130.2	81.1	2.8	.6	2.5	16.8	3.7	3.0	2.3	9.5
West Germany.....	227.3	184.5	120.2	8.7	2.0	8.2	25.7	7.4	6.4	2.7	12.1
Percent distribution:											
United States.....	100.0	62.7	20.0	.5	1.6	5.9	29.4	2.9	11.5	2.7	17.9
Australia.....	100.0	78.4	24.3	.3	1.4	3.2	16.1	.9	1.1	2.8	13.5
Austria.....	100.0	84.5	68.0	6.8	.3	2.1	6.2	2.2	1.4	.8	2.9
Belgium ⁹	100.0	87.2	72.4	2.2	.3	2.7	7.4	4.1	1.7	2.1	2.1
Canada.....	100.0	89.0	11.6	.3	.7	1.3	8.8	.7	3.4	.5	5.4
Denmark.....	100.0	86.4	52.2	2.8	1.0	1.6	8.0	.7	3.1	1.3	3.6
France.....	100.0	80.7	61.0	2.8	.7	4.4	10.1	5.5	2.3	2.6	3.6
Italy.....	100.0	75.3	55.6	4.1	.8	8.2	11.5	7.7	2.6	4.8	8.0
Japan.....	100.0	46.4	11.8	1.9	5.2	17.8	28.6	2.7	4.2	13.3	25.9
Netherlands.....	100.0	83.1	64.1	2.5	.4	5.3	8.7	3.2	2.4	4.0	4.2
Spain.....	100.0	74.2	54.8	2.6	.5	9.5	12.8	7.4	6.2	4.9	3.4
Sweden.....	100.0	87.7	57.3	4.1	.5	1.2	6.5	.7	2.0	.8	3.8
Switzerland.....	100.0	90.0	72.1	1.4	.3	1.4	6.9	1.9	2.2	.9	3.0
United Kingdom.....	100.0	84.7	52.8	1.8	.4	1.6	11.0	2.4	1.9	1.5	6.2
West Germany.....	100.0	81.2	52.9	3.8	.9	2.7	11.3	3.3	2.8	1.2	5.3
EXPORTS											
United States.....	252.9	163.5	60.6	2.2	3.5	11.1	72.5	6.3	35.0	9.5	32.0
Australia.....	22.5	13.5	3.3	.9	1.1	1.4	5.3	.5	.2	1.2	4.0
Austria.....	27.1	22.0	17.2	2.4	.2	.8	1.7	.6	.3	.6	.5
Belgium ⁹	82.8	73.0	61.7	1.1	.3	1.5	6.5	2.0	.7	2.3	2.7
Canada.....	94.4	85.8	7.2	.8	1.1	1.2	5.5	.8	2.4	.8	2.9
Denmark.....	25.7	22.1	12.4	.4	.2	.5	2.3	.5	.7	.5	.8
France.....	142.8	112.6	86.3	3.1	.9	6.1	20.0	11.2	4.9	9.7	4.8
Italy.....	116.1	93.0	65.1	9.6	1.1	5.9	12.0	5.6	2.5	4.4	3.2
Japan.....	231.3	143.1	38.3	3.3	8.7	11.5	64.7	5.6	8.2	8.0	53.4
Netherlands.....	92.6	81.7	69.3	1.3	.8	2.2	6.4	2.5	1.2	1.8	2.6
Spain.....	34.0	27.0	21.7	.5	.3	1.6	4.0	2.0	1.5	1.0	.7
Sweden.....	44.5	38.8	22.7	.9	.3	.9	3.7	1.0	.8	.8	1.7
Switzerland.....	45.3	35.6	25.2	1.5	.4	1.9	5.9	1.1	1.4	2.1	2.7
United Kingdom.....	130.5	102.7	64.6	1.8	.7	7.5	17.0	5.5	2.5	7.5	8.0
West Germany.....	293.8	245.4	155.1	9.9	2.9	8.0	27.1	7.8	6.3	7.1	10.2
Percent distribution:											
United States.....	100.0	64.6	24.0	.9	1.4	4.4	28.7	2.5	13.8	3.8	12.7
Australia.....	100.0	59.8	14.9	3.9	4.9	6.1	23.6	2.4	.9	5.2	17.9
Austria.....	100.0	81.2	63.4	9.0	.6	2.9	6.3	2.1	1.0	2.1	1.8
Belgium ⁹	100.0	88.1	74.4	1.3	.3	1.8	7.8	2.5	.9	2.7	3.2
Canada.....	100.0	90.9	7.6	.8	1.2	1.3	5.9	.8	2.5	.7	3.1
Denmark.....	100.0	86.1	48.4	1.5	.7	2.1	9.0	1.8	2.7	2.1	3.0
France.....	100.0	78.8	60.4	2.2	.6	4.3	14.0	7.8	3.4	2.8	2.8
Italy.....	100.0	80.1	56.1	3.1	1.0	5.1	10.3	4.9	2.2	3.8	2.8
Japan.....	100.0	61.9	16.6	1.4	3.8	5.0	28.0	2.4	3.5	3.5	23.1
Netherlands.....	100.0	88.2	74.9	1.4	.2	2.4	6.9	2.7	1.3	2.0	2.8
Spain.....	100.0	79.5	63.8	1.6	.8	4.6	11.8	5.9	4.3	2.9	1.9
Sweden.....	100.0	87.1	51.0	2.1	.6	2.1	8.2	2.3	1.8	1.9	3.7
Switzerland.....	100.0	78.7	55.8	3.3	.9	4.2	12.9	2.5	3.2	4.7	6.1
United Kingdom.....	100.0	78.7	49.5	1.4	.5	5.7	13.0	4.2	2.0	5.8	6.1
West Germany.....	100.0	83.5	52.8	3.4	1.0	2.7	9.2	2.7	2.1	2.4	3.5

¹ Includes other areas not shown separately. ² Organization for Economic Cooperation and Development. For member countries, see text, section 31. ³ European Economic Community comprises Belgium-Luxembourg, Denmark, France, Greece, Ireland, Italy, Netherlands, Portugal, Spain, United Kingdom, and West Germany. ⁴ Organization of Petroleum Exporting Countries. For member countries, see footnote 4, table 1447. ⁵ Comprises trade with all countries other than China: Mainland, North Korea, Vietnam, South Africa, Soviet Union, Eastern Europe, and members of O.P.E.C. and O.E.C.D. ⁶ All countries comprising the continent except Canada and the United States. ⁷ Comprises Syria, Lebanon, Israel, Gaza Strip, Jordan, Iraq, Saudi Arabia, Yemen (Aden), Yemen (Sanaa), Kuwait, Bahrain, United Arab Emirates, Qatar, Oman, and Iran. ⁸ All countries comprising the continent of Asia except Japan, China: Mainland, North Korea, Vietnam, and those countries listed under Middle East. ⁹ Includes Luxembourg.

Source: Organization for Economic Cooperation and Development, Paris, France. Data derived from *Monthly Statistics of Foreign Trade*, series A, July 1988.

Comparative International Statistics

NO. 1441. RESERVE ASSETS AND INTERNATIONAL TRANSACTION BALANCES: 1980 TO 1987

(In millions of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (-) indicates debits)

COUNTRY	TOTAL RESERVE ASSETS			CURRENT ACCOUNT BALANCE			MERCHANDISE TRADE BALANCE			
	1987			1980	1985	1987	1980	1985	1987	
	1980	1985	Total	Currency Holdings ¹						
United States.....	15,600	32,100	34,720	13,090	1,840	-116,430	-153,950	-25,500	-122,150	-160,280
Algeria.....	3,773	2,819	1,640	1,285	249	1,015	(NA)	4,056	4,223	17 ²
Argentina.....	6,719	3,273	1,617	1,617	-4,774	-952	-4,265	-1,373	4,878	1,000
Australia.....	1,690	5,768	8,744	8,107	-4,248	-8,717	-8,676	1,369	-1,284	-512
Austria.....	5,260	4,767	7,532	6,772	-1,725	-273	-203	-6,617	-4,406	-4,471
Bangladesh.....	300	337	843	758	-757	-540	-398	-1,560	-1,287	-1,381
Belgium.....	7,823	4,849	9,620	8,363	-4,945	669	2,920	-5,154	-472	-156
Brazil.....	5,769	10,805	6,298	6,299	-12,806	-273	(NA)	-2,823	12,466	(NA)
Burma.....	261	34	27	27	-347	-206	(NA)	-360	-202	(NA)
Cameroon.....	189	132	64	63	-440	-584	(NA)	38	516	(NA)
Canada.....	3,041	2,503	7,277	6,218	-967	-1,426	-7,975	8,001	12,580	8,759
Chile.....	3,123	2,450	2,504	2,463	-1,971	-1,328	-811	-784	850	1,230
China: Mainland.....	2,545	12,728	16,305	15,236	(NA)	-11,417	(NA)	(NA)	-13,123	(NA)
Colombia.....	4,831	1,595	3,086	2,924	-206	-1,809	255	-237	-23	1,826
Denmark.....	3,387	5,429	10,066	9,587	-2,466	-2,728	-2,975	-2,023	-771	812
Ecuador.....	1,013	718	491	490	-642	149	-1,188	278	1,284	-33
Egypt.....	1,046	792	1,378	1,378	-438	-2,245	(NA)	-2,980	(NA)	-4,503
Finland.....	1,870	3,750	6,418	5,989	-1,409	-766	-1,949	-658	878	1,323
France.....	27,340	26,589	33,049	29,634	-4,208	-35	-5,091	-13,419	-5,276	-9,820
Ghana.....	180	479	195	179	29	-134	-97	195	-36	-125
Greece.....	1,346	868	2,681	2,582	-2,209	-3,276	-1,298	-5,557	-5,053	-5,496
Hungary.....	2,090	3,119	2,272	2,272	-577	52	-580	-143	610	166
India.....	6,944	6,420	6,484	5,603	-1,785	-4,214	(NA)	-5,614	-5,616	(NA)
Indonesia.....	5,392	4,974	5,592	5,483	2,864	-1,923	-1,678	9,170	5,822	4,988
Ireland.....	2,860	2,940	4,796	4,431	-2,132	-688	400	-2,222	633	2,615
Israel.....	3,351	3,680	5,876	5,876	-745	1,163	-999	-3,150	-2,415	-3,806
Italy.....	23,126	15,595	30,214	27,819	-9,901	-3,540	-1,078	-16,887	-6,083	95
Ivory Coast.....	20	5	9	9	-1,827	64	(NA)	399	1,351	1,142
Japan.....	24,636	26,719	80,973	75,657	-10,750	49,170	87,000	2,130	55,990	98,460
Kenya.....	492	391	256	222	-887	-98	(NA)	-1,083	-333	(NA)
Kuwait.....	3,929	4,471	4,142	3,394	15,302	4,815	4,414	13,877	4,712	3,545
Libya.....	13,091	5,904	5,838	5,212	8,214	2,083	(NA)	11,551	4,648	(NA)
Malaysia.....	4,387	4,912	7,435	7,055	-285	-694	2,336	2,406	3,577	5,825
Mexico.....	2,960	4,906	12,464	11,758	-8,162	1,237	3,884	-2,830	8,451	8,433
Morocco.....	398	115	411	407	-1,420	-691	(NA)	-1,355	(NA)	-1,368
Nepal.....	183	58	178	170	39	-122	-123	226	283	-350
Netherlands.....	11,645	10,782	16,003	14,174	-1,043	4,031	3,369	-1,415	5,462	5,237
Nigeria.....	10,235	1,687	1,165	1,165	5,104	1,265	(NA)	11,105	4,353	(NA)
Norway.....	6,048	13,917	14,277	13,128	1,098	3,051	-4,137	1,896	4,728	-869
Pakistan.....	496	807	502	486	-921	-1,080	-554	-2,876	-3,230	-2,310
Peru.....	1,980	1,827	595	595	62	123	(NA)	837	1,172	(NA)
Philippines.....	2,846	615	958	913	-1,917	-18	-539	-1,933	-482	-1,017
Poland.....	128	870	1,495	1,495	-3,417	-991	-372	-1,776	347	790
Portugal.....	795	1,395	3,327	3,205	-1,064	410	640	-4,028	-1,457	-3,375
Romania.....	323	199	(NA)	(NA)	-2,399	1,239	(NA)	-1,534	1,735	(NA)
Saudi Arabia.....	23,437	25,004	22,684	10,786	42,754	-12,932	-9,570	75,155	7,029	5,340
Singapore.....	6,567	6,227	15,227	15,000	-1,507	-4	539	-4,200	-2,828	-2,540
South Africa.....	728	315	641	638	3,506	2,622	3,002	7,430	5,842	7,163
South Korea.....	2,925	2,869	3,584	3,566	-5,321	-887	9,854	-4,384	-19	7,659
Spain.....	11,863	11,175	30,669	29,287	-5,173	2,651	(NA)	-11,728	-4,171	(NA)
Sri Lanka.....	246	451	279	278	-657	-419	-344	-784	-523	-472
Sudan.....	49	12	12	12	-320	152	-249	-438	-135	-445
Sweden.....	3,418	5,783	8,174	7,485	-4,404	-1,309	-873	-2,198	2,385	4,466
Switzerland.....	15,656	18,016	27,476	27,182	-1,544	6,039	(NA)	-5,891	-1,561	(NA)
Syria.....	337	85	(NA)	(NA)	251	-952	(NA)	-1,898	-1,951	(NA)
Thailand.....	1,560	2,190	4,007	3,908	-2,070	-1,537	-529	-1,902	-1,332	-386
Trinidad and Tobago.....	2,781	1,129	188	113	335	-90	-269	753	756	355
Turkey.....	1,077	1,056	1,589	1,543	-3,409	-1,030	-984	-4,603	-2,975	-3,234
United Kingdom.....	20,650	12,660	41,720	38,560	7,063	4,648	-2,664	3,362	-2,458	-15,600
Venezuela.....	6,604	10,251	5,963	4,535	4,728	3,086	-317	8,174	6,790	2,057
West Germany.....	48,592	44,380	78,758	72,893	-15,900	17,030	45,230	6,880	28,540	70,160
Yugoslavia.....	1,384	1,095	698	698	-2,316	833	(NA)	-4,889	-588	(NA)
Zaire.....	204	190	181	181	-154	-218	(NA)	-4,566	666	(NA)

NA Not available. ¹Holdings of convertible foreign currencies.²Estimated.Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly with annual supplements.

NO. 1442. FOREIGN EXCHANGE RATES: 1970 TO 1988

[National currency units per dollar, except as noted. Except as indicated, data are annual averages of certified noon buying rates for cable transfers]

YEAR	Australia ¹ (dollar)	Austria (schilling)	Belgium (franc)	Canada (dollar)	China: Taiwan (dollar)	Denmark (krone)	France (franc)	Greece (drachma)	Hong Kong (dollar)
1970	111.36	25.880	49.680	1.0103	40.050	7.4890	5.5200	30.30	6.0600
1975	130.77	17.443	36.799	1.0175	38.000	5.7481	4.2876	32.29	4.9390
1976	122.15	17.955	38.608	9.9863	38.000	6.0460	4.7824	36.52	4.9040
1977	110.82	16.545	35.848	1.0633	38.000	6.0049	4.9160	36.84	4.6620
1978	114.41	14.525	31.483	1.1405	37.054	5.5162	4.5090	36.75	4.6850
1979	111.77	13.987	29.342	1.1603	36.048	5.2622	4.2566	37.04	5.0030
1980	114.00	12.945	29.237	1.1693	36.015	5.6345	4.2250	42.62	4.9760
1981	114.95	15.948	37.194	1.1990	36.849	7.1350	5.4896	55.41	5.5678
1982	101.66	17.060	45.780	1.2344	39.124	8.3443	6.5793	68.87	6.0697
1983	90.14	17.968	51.121	1.2325	40.065	9.1483	7.6203	87.90	7.2569
1984	87.94	20.005	57.749	1.2953	39.633	10.3540	8.7355	112.73	7.8188
1985	70.03	20.676	59.336	1.3658	39.889	10.5980	8.9799	138.40	7.7911
1986	67.09	15.260	44.662	1.3896	37.837	8.0954	6.9256	139.93	7.8037
1987	70.14	12.649	37.357	1.3259	31.756	6.8477	6.0121	135.47	7.7985
1988, June	75.80	12.087	35.957	1.2410	28.685	6.5760	5.8130	137.64	7.8080
	India (rupee)	Ireland ¹ (pound)	Italy (lira)	Japan (yen)	Malaysia (ringgit)	Nether- lands (guilder)	New Zealand ¹ (dollar)	Norway (krone)	Portugal (escudo)
1970	7.576	239.59	623.00	357.80	3.0900	3.5970	111.48	7.1400	28.75
1975	8.409	222.16	653.09	296.78	2.4030	2.5293	121.16	5.2282	25.51
1976	8.971	180.48	633.55	296.45	2.5421	2.6448	99.12	5.4589	30.24
1977	8.789	174.49	882.76	268.82	2.4625	2.5457	98.89	5.3239	39.34
1978	8.198	191.84	849.12	210.38	2.3188	2.1642	103.84	5.2466	44.03
1979	8.156	204.65	831.10	219.02	2.1721	2.0072	102.23	5.0650	48.95
1980	7.887	205.77	856.20	226.83	2.1767	1.9875	97.34	4.9381	50.08
1981	8.681	161.32	1,186.80	220.63	2.3048	2.4998	86.85	5.7430	61.74
1982	9.485	142.05	1,354.00	249.06	2.3395	2.6719	75.10	6.4567	80.10
1983	10.104	124.81	1,519.30	237.55	2.3204	2.8543	66.78	7.3012	111.61
1984	11.348	108.64	1,756.10	237.45	2.3448	3.2083	57.84	8.1596	147.70
1985	12.332	106.62	1,908.80	238.47	2.4806	3.3184	49.75	8.5933	172.07
1986	12.597	134.14	1,491.16	168.35	2.5830	2.4484	52.46	7.3984	149.80
1987	12.943	148.79	1,297.03	144.60	2.5185	2.0263	59.33	6.7408	141.20
1988, June	13.372	155.68	1,272.50	127.88	2.5823	1.9320	67.19	6.3863	140.58
	Singa- pore (dollar)	South Africa ¹ (rand)	South Korea (won)	Spain (peseta)	Sweden (krona)	Switzer- land (franc)	Thailand (baht)	United King- dom ¹ (pound)	West Germany (deutsche mark)
1970	3.0800	139.24	310.57	69.72	5.1700	4.3160	21,000	239.58	3.6480
1975	2.3713	136.47	484.00	57.43	4.1530	2.5839	20,379	222.16	2.4613
1976	2.4708	114.85	484.00	66.86	4.3579	2.5001	20,400	180.48	2.5184
1977	2.4394	114.99	484.00	75.99	4.4801	2.4084	20,400	174.49	2.3236
1978	2.2740	115.01	484.00	76.72	4.5206	1.7906	20,336	191.84	2.0095
1979	2.1746	118.72	484.00	67.16	4.2892	1.6643	20,419	212.24	1.8342
1980	2.1412	128.54	607.43	71.76	4.2309	1.6772	20,476	232.43	1.8175
1981	2.1053	114.77	681.03	92.40	5.0659	1.9674	21,731	202.43	2.2631
1982	2.1406	92.30	731.93	110.09	6.2838	2.0327	23,014	174.80	2.4280
1983	2.1136	89.85	776.04	143.50	7.6717	2.1006	22,991	151.59	2.5539
1984	2.1325	69.53	807.91	160.78	8.2706	2.3500	23,582	133.66	2.8454
1985	2.2008	45.57	861.89	169.98	8.6031	2.4551	27,193	129.74	2.9419
1986	2.1782	43.95	884.61	140.04	7.1272	1.7979	26,314	146.77	2.1704
1987	2.1059	49.08	825.93	123.54	6.3468	1.4918	25,774	163.98	1.7981
1988, June	2.0217	34.03	751.51	114.62	6.0454	1.4217	25,284	180.11	1.7191

¹ Value is U.S. cents per unit of foreign currency.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

NO. 1443. EXCHANGE RATES—INDEXES OF VALUE OF FOREIGN CURRENCY RELATIVE TO U.S. DOLLAR:
1970 TO 1987

[1977 = 100]

YEAR	United States	Canada	Japan	Belgium	Denmark	France	Italy	Netherlands	Norway	Sweden	United Kingdom	West Germany
1970	100.0	101.8	74.8	72.2	80.0	88.9	140.8	67.9	74.5	86.1	137.3	63.7
1975	100.0	104.4	90.3	97.6	104.7	114.8	135.3	97.3	102.1	107.9	127.3	94.5
1976	100.0	107.8	90.4	92.8	99.3	102.9	106.3	92.9	97.5	102.6	103.4	92.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	100.0	93.2	128.5	114.0	109.0	109.2	104.0	113.6	101.5	98.8	108.9	115.8
1979	100.0	90.7	122.7	122.2	114.1	115.5	108.2	122.3	105.1	104.2	121.6	126.7
1980	100.0	90.8	116.7	122.7	106.7	116.5	103.2	123.6	107.8	105.6	133.3	127.9
1981	100.0	88.6	121.4	96.8	84.1	90.4	77.5	98.6	92.7	88.2	116.0	103.0
1982	100.0	86.1	107.5	78.3	71.9	74.7	65.2	91.8	82.4	71.1	100.2	95.6
1983	100.0	86.2	112.7	70.1	65.6	64.5	59.1	86.0	72.9	58.2	86.8	90.9
1984	100.0	82.0	112.8	62.0	58.0	56.3	50.3	76.5	65.2	54.0	76.6	81.6
1985	100.0	77.8	112.3	60.4	56.6	54.7	46.2	73.9	61.9	51.9	74.4	78.9
1986	100.0	76.5	159.1	80.2	74.2	71.0	59.2	100.2	71.9	62.7	84.1	107.0
1987	100.0	80.1	185.2	95.9	87.7	81.8	68.1	121.1	79.0	70.4	94.0	129.1

Source: U.S. Bureau of Labor Statistics, News Release USDL: 88-326, "International Comparisons of Manufacturing Productivity and Labor Cost Trends"; July 6, 1988.

Comparative International Statistics

No. 1444. CENTRAL BANK DISCOUNT RATES, MONEY MARKET RATES, AND GOVERNMENT BOND YIELDS—SELECTED COUNTRIES: 1980 TO 1988

[In percent per annum. Central bank discount rates refer to the rate at which the monetary authority lends or discounts eligible paper for deposit money banks. Money market rates refer to the rate at which short-term borrowings are effected between financial institutions. Government bond yields refer to one or more series representing average yields to maturity of government bonds or other bonds that would be indicative of longer term rates]

NATIONAL INTEREST RATE AND YEAR	United States	Canada	Japan	France	Italy	Netherlands	Sweden	Switzerland	United Kingdom	West Germany
Central bank discount rates:¹										
1980.....	13.00	17.26	7.25	9.50	16.50	8.00	10.00	3.00	14.00	7.50
1983.....	8.50	10.04	5.00	9.50	17.00	5.00	8.50	4.00	(2)	4.00
1984.....	8.00	10.16	5.00	9.50	16.50	5.00	9.50	4.00	(2)	4.50
1985.....	7.50	9.49	5.00	9.50	15.00	5.00	10.50	4.00	(2)	4.00
1986.....	5.50	8.49	3.00	8.50	12.00	4.50	7.50	4.00	(2)	3.50
1987.....	6.00	8.66	2.50	8.50	12.00	3.75	7.50	2.50	(2)	2.50
1988, June.....	(NA)	9.44	2.50	9.50	12.00	3.25	8.50	2.50	(2)	2.50
Money market rates:²										
1980.....	13.36	13.28	(NA)	11.85	17.17	10.13	12.17	2.29	15.62	9.10
1983.....	9.09	9.62	6.39	12.53	18.44	5.28	10.85	1.84	9.09	5.38
1984.....	10.23	10.91	6.10	11.74	17.27	5.78	11.77	3.34	7.62	5.55
1985.....	8.10	9.57	6.46	9.93	15.25	6.30	13.85	3.75	10.78	5.19
1986.....	6.81	9.30	4.79	7.74	13.41	5.83	10.15	3.17	10.68	4.80
1987.....	6.66	8.03	3.51	7.98	11.51	5.16	9.16	2.51	9.88	3.70
1988, June.....	7.51	9.20	3.42	7.11	11.14	4.16	10.55	2.41	8.95	3.70
Government bond yields:										
1980.....	11.46	12.48	9.22	13.03	16.11	10.21	11.74	4.77	13.79	8.60
1983.....	11.11	11.79	7.42	13.63	18.02	8.61	12.30	4.52	10.81	7.89
1984.....	12.52	12.75	6.81	12.54	14.95	8.33	12.28	4.70	10.69	7.78
1985.....	10.62	11.04	6.34	10.94	13.00	7.34	13.09	4.78	10.62	6.87
1986.....	7.88	9.52	4.94	8.44	10.52	6.35	10.26	4.29	9.87	5.90
1987.....	8.88	9.95	4.21	9.43	9.65	6.38	(NA)	4.12	9.48	5.80
1988, June.....	(NA)	10.13	4.47	8.94	10.12	6.30	(NA)	4.14	9.32	6.10

NA Not available. ¹End of period. ²Minimum lending rate suspended as of August 20, 1981. ³Period averages.

Source: International Monetary Fund, Washington, DC, *International Financial Statistics*, monthly.

NO. 1445. EXTERNAL DEBT OF SOVIET UNION AND EASTERN EUROPEAN COUNTRIES: 1975 TO 1987

[In billions of dollars. Net debt represents gross debt minus assets held with Western commercial banks]

TYPE AND SOURCE	1975	1980	1981	1982	1983	1984	1985	1986	1987
Gross debt, total.....	42.2	104.2	105.0	102.7	103.9	102.0	117.3	136.6	155.8
Soviet Union: Gross debt.....	12.5	20.5	20.0	21.8	22.0	22.3	29.0	36.2	41.2
Commercial debt.....	8.2	11.0	12.6	12.8	12.6	13.2	19.5	25.6	28.7
Official debt.....	4.3	8.5	7.4	9.1	9.4	9.1	9.5	10.8	12.5
Net debt.....	8.7	10.5	10.8	10.0	9.8	10.6	15.7	21.2	26.2
Bulgaria: Gross debt.....	2.6	3.6	3.1	2.8	2.4	2.2	3.6	4.9	6.1
Commercial debt.....	2.5	3.2	2.7	2.3	1.9	1.8	3.1	4.2	5.3
Official debt.....	.2	.3	.4	.5	.5	.5	.6	.7	.8
Net debt.....	2.3	2.7	2.2	1.8	1.2	.8	1.5	3.6	5.0
Czechoslovakia: Gross debt.....	1.1	4.9	4.5	4.0	4.0	3.6	3.8	4.5	5.8
Commercial debt.....	.9	4.1	3.7	3.1	2.9	2.6	2.8	3.4	4.5
Official debt.....	.2	.9	.8	.9	1.1	1.0	1.0	1.1	1.3
Net debt.....	.8	3.7	3.4	3.3	3.0	2.6	2.8	3.3	4.2
East Germany: Gross debt.....	5.4	14.1	14.9	13.2	13.1	12.4	14.0	17.0	20.4
Commercial debt.....	4.4	11.3	11.6	9.8	9.1	8.2	10.1	13.1	16.5
Official debt.....	1.0	2.8	3.3	3.6	3.9	4.2	3.9	3.8	3.9
Net debt.....	3.7	11.6	12.3	11.2	9.7	7.8	7.6	9.6	11.4
Hungary: Gross debt.....	3.1	9.1	8.7	7.7	8.2	8.8	11.8	15.1	17.7
Commercial debt.....	3.1	8.8	8.3	7.0	6.9	7.0	9.8	12.7	15.2
Official debt.....	.1	.3	.4	.5	.7	.8	.8	.9	1.0
BIS/IMF ¹	—	—	—	—	—	—	—	1.5	1.6
Net debt.....	2.2	7.0	7.1	6.6	6.8	6.7	8.6	12.0	15.5
Poland: Gross debt.....	8.0	25.0	25.5	24.8	26.4	26.8	29.3	33.5	39.2
Commercial debt.....	5.9	14.9	14.2	13.6	10.9	9.4	10.6	12.1	12.2
Official debt.....	2.1	10.1	11.3	11.2	15.5	17.4	18.7	21.4	27.0
Net debt.....	7.4	24.4	24.7	23.8	25.2	25.3	27.7	31.8	36.2
Romania: Gross debt.....	2.9	9.4	10.2	9.8	8.8	7.1	6.6	6.0	4.9
Commercial debt.....	2.0	6.5	6.2	5.4	4.8	3.4	2.9	2.7	1.7
Official debt.....	.7	1.7	1.8	1.4	.9	1.1	1.1	1.1	.8
IMF/World Bank/CEMA bank ¹.....	.2	1.2	2.1	2.8	3.1	2.8	2.6	2.2	2.4
Net debt.....	2.4	9.1	9.8	9.3	8.2	6.4	6.4	5.4	4.9
Yugoslavia: Gross debt.....	6.6	17.6	18.3	18.5	19.0	18.8	19.2	19.4	20.5
Commercial debt.....	4.3	12.8	12.2	11.9	10.3	9.0	7.8	7.4	9.1
Official debt.....	1.6	2.6	3.2	3.1	4.8	5.8	7.1	7.7	6.5
IMF/World Bank ¹.....	.7	2.1	2.9	3.5	4.1	4.1	4.3	4.2	4.9
Net debt.....	5.8	16.2	16.8	17.7	18.1	17.7	18.1	17.9	19.8

¹ Represents zero. ¹BIS=Bank of International Settlements. IMF=International Monetary Fund. CEMA=Council for Economic Mutual Assistance.

Source: U.S. Central Intelligence Agency, *Handbook of Economic Statistics, 1988*; and unpublished data.

External Public Debt—Debt Service Payments

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NO. 1446. TOTAL EXTERNAL PUBLIC DEBT, 1980 TO 1986, AND BY TYPE OF CREDITOR, 1986, AND DEBT SERVICE PAYMENTS AND RATIO, 1980 TO 1986

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

COUNTRY	TOTAL EXTERNAL PUBLIC DEBT (mil. dol.)							DEBT SERVICE PAYMENTS (mil. dol.)			DEBT SERVICE RATIO ³ (percent)			
				1986										
	1980	1984	1985	Total ¹	Bilateral official	Banks ²	International organizations	1980	1985	1986	1980	1985	1986	
Algeria.....	16,360	12,136	13,718	14,927	2,447	8,331	712	3,854	4,552	5,160	26.6	33.1	51.5	
Argentina ⁴	10,181	26,700	35,708	38,674	2,308	24,170	2,842	1,987	4,322	4,640	17.7	41.9	50.7	
Bangladesh.....	3,549	5,147	5,999	7,291	3,647	58	3,544	78	220	271	7.8	17.6	25.1	
Bolivia.....	2,229	3,102	3,189	3,562	1,366	1,020	1,023	290	241	162	27.8	32.7	23.8	
Brazil.....	40,168	69,689	74,272	84,067	10,302	59,186	9,972	8,050	7,293	8,519	34.6	24.9	33.7	
Burma ⁵	1,452	2,250	2,952	3,865	2,475	200	850	112	196	247	20.1	46.3	55.4	
Cameroon.....	2,049	1,702	1,987	2,339	1,032	316	867	186	240	301	8.9	8.4	11.3	
Chile.....	4,740	10,822	12,980	15,285	679	11,957	2,294	1,375	1,229	1,625	21.9	26.3	30.9	
China: Mainland	4,781	6,696	10,216	17,403	5,000	5,610	2,169	1,104	2,069	2,382	5.4	7.0	7.9	
Colombia.....	4,084	7,730	9,526	12,148	2,237	4,640	4,561	529	1,409	1,832	9.0	30.5	28.2	
Congo.....	1,427	1,851	2,436	2,875	971	1,441	395	91	401	311	8.8	33.7	43.5	
Costa Rica.....	1,692	3,258	3,603	3,678	862	1,442	925	205	448	384	16.8	35.2	26.7	
Dominican Republic.....	1,191	2,347	2,523	2,638	1,200	744	653	154	218	294	11.7	16.2	20.7	
Ecuador.....	3,300	6,704	7,080	7,997	978	5,274	1,405	559	898	849	18.9	27.0	32.4	
Egypt.....	13,885	19,111	21,323	23,040	12,638	1,048	4,597	1,462	2,089	1,749	17.8	23.2	21.4	
El Salvador.....	527	1,371	1,467	1,489	691	101	717	34	105	179	5.8	18.3	21.8	
Ethiopia.....	701	1,402	1,756	2,013	1,021	137	791	94	82	87	7.7	12.1	10.7	
Ghana.....	1,099	1,090	1,171	1,434	573	4	254	821	45	256	282	2.4	21.4	23.4
Greece.....	4,788	9,427	12,481	16,059	667	10,919	2,952	915	1,756	2,176	10.9	24.7	27.7	
Guatemala.....	549	1,947	2,138	2,243	697	331	95	67	106	(NA)	(NA)	(NA)	(NA)	
Guinea.....	1,032	1,177	1,313	1,449	917	148	122	98	166	192	10.1	17.7	18.7	
Honduras.....	989	1,811	2,198	2,445	688	434	1,252	98	166	213	13.8	24.7	35.9	
Hungary.....	6,409	7,381	10,183	13,659	879	10,227	656	1,417	2,584	3,944	2.7	8.8	13.4	18.3
India ⁵	17,733	23,226	28,085	32,721	12,821	4,020	14,885	1,079	1,768	2,719	7.9	19.8	29.4	
Indonesia.....	14,971	22,354	26,866	32,982	11,765	8,862	6,976	1,758	3,992	4,451	9.8	18.8	27.1	
Israel.....	11,500	15,752	15,848	15,946	11,382	1,165	84	1,392	2,110	2,191	14.2	19.8	18.9	
Ivory Coast.....	4,328	6,969	5,921	6,764	1,868	3,292	1,573	874	644	791	24.0	20.3	21.4	
Jamaica.....	4,423	2,531	2,944	3,114	1,878	422	908	206	397	435	14.5	31.4	32.0	
Jordan.....	1,279	2,471	2,738	3,132	1,587	838	552	133	472	542	7.8	23.0	28.8	
Kenya.....	2,214	2,533	2,918	3,649	1,347	527	1,662	251	394	431	12.2	26.0	22.6	
Madagascar.....	955	1,885	2,255	2,640	1,626	288	651	58	106	113	11.1	28.9	(NA)	
Malaysia.....	3,948	13,204	15,119	16,941	2,509	6,482	1,363	377	4,420	2,243	2.5	24.9	13.8	
Mauritania.....	734	1,190	1,356	1,651	1,082	59	418	30	78	77	11.1	18.9	16.9	
Mexico.....	33,987	66,699	72,478	76,110	3,685	60,337	8,177	7,901	10,960	8,808	32.1	36.8	37.1	
Morocco.....	7,354	10,479	12,895	14,978	7,434	4,458	2,781	1,175	959	1,449	35.9	30.3	41.0	
Nicaragua.....	1,662	3,985	4,774	5,384	3,228	1,310	813	92	42	32	16.0	10.6	13.0	
Nigeria.....	4,238	11,524	13,193	21,919	6,623	11,517	2,183	504	3,997	1,625	1.8	30.8	23.0	
Oman.....	440	1,340	1,932	2,513	297	1,992	127	197	257	397	5.1	4.8	11.4	
Pakistan.....	8,785	9,986	10,781	11,897	7,573	601	3,531	593	1,064	1,073	19.7	31.2	27.0	
Panama.....	2,271	3,185	3,340	3,530	371	1,936	950	466	410	470	6.0	6.5	7.6	
Papua New Guinea.....	510	978	1,058	1,159	152	514	410	61	131	149	5.6	12.6	12.4	
Paraguay.....	633	1,253	1,536	1,822	593	530	671	80	165	200	11.6	13.2	19.4	
Peru.....	6,167	9,498	10,487	11,237	3,402	3,934	1,663	1,501	562	498	31.1	14.3	14.7	
Philippines.....	6,523	11,268	13,666	20,476	4,198	10,628	4,285	579	1,242	1,592	7.2	15.7	18.4	
Portugal.....	6,703	10,776	12,897	14,047	848	9,753	1,539	1,041	2,722	3,162	15.2	34.3	31.7	
Romania.....	7,131	6,013	5,805	5,683	1,112	2,650	1,836	1,156	1,758	1,626	9.5	13.5	12.1	
Senegal.....	958	1,529	1,982	2,473	1,435	292	754	178	88	209	20.1	10.9	(NA)	
Singapore.....	1,820	1,900	1,799	2,136	200	1,340	198	263	723	425	1.0	2.4	1.4	
Somalia.....	712	1,281	1,329	1,415	745	69	602	99	49	72	4.3	38.4	44.4	
South Korea.....	16,203	24,459	29,066	30,028	6,062	13,439	5,313	2,762	5,120	7,042	12.2	15.5	16.8	
Sri Lanka.....	1,345	2,406	2,868	3,466	1,866	600	905	84	230	279	6.3	14.1	(NA)	
Sudan.....	3,793	6,174	6,681	7,074	4,997	918	1,158	104	91	54	12.6	11.2	7.5	
Syria.....	2,107	2,327	2,724	3,134	2,300	55	672	287	295	297	11.8	12.1	15.6	
Tanzania.....	2,042	2,657	3,084	3,702	2,112	194	1,205	75	59	70	10.5	15.1	15.3	
Thailand.....	4,070	7,266	9,937	11,812	3,303	3,396	3,880	432	1,498	1,958	5.0	14.6	16.8	
Trinidad and Tobago.....	623	910	1,090	1,164	155	771	46	216	183	320	6.4	7.0	15.8	
Tunisia.....	3,224	3,674	4,401	5,147	2,475	1,257	1,116	427	671	806	12.7	24.7	29.4	
Turkey.....	14,933	16,528	19,523	24,250	8,412	8,108	6,635	1,042	3,651	3,423	28.4	32.1	31.6	
Uruguay.....	1,127	2,528	2,696	2,805	152	1,874	394	198	403	336	12.4	30.4	21.1	
Venezuela.....	10,694	18,117	17,125	24,483	54	22,781	77	2,950	2,368	3,107	13.3	14.0	28.6	
Yemen (Aden).....	499	1,041	1,443	1,927	1,543	—	384	14	112	99	7.7	46.9	44.6	
Yemen (Sanaa).....	900	1,689	1,871	2,052	1,459	78	515	21	74	99	6.1	33.0	44.9	
Yugoslavia ⁵	4,581	8,259	11,717	13,793	2,877	7,956	2,950	616	1,373	2,009	4.5	9.5	11.5	
Zaire.....	4,286	4,224	4,824	5,440	3,874	629	837	365	340	371	16.7	16.9	18.2	
Zambia.....	2,187	2,700	3,160	3,656	2,114	345	959	289	92	127	17.8	11.0	7.8	
Zimbabwe.....	697	1,392	1,560	1,776	498	725	384	44	307	339	2.6	21.2	19.9	

¹ Includes other types of creditors, not shown separately. ² Includes other private financial institutions. ³ Debt service payments as percent of exports. ⁴ The increase in debt outstanding from 1980 to 1986-87. ⁵ Fiscal year basis. ⁶ The 1984 includes the refinancing of short-term private debt by public debt, which matured in 1986-87.

NO. 1447. NET FLOW OF FINANCIAL RESOURCES TO DEVELOPING COUNTRIES, BY ORIGIN AND TYPE OF RESOURCE: 1970 TO 1987

[In billions of U.S. dollars. Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1403) by the inclusion of Greece, Malta, Portugal, Spain (through 1981), and Yugoslavia, and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector.]

ORIGIN AND TYPE OF RESOURCE	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987, est.
Development Assistance Committee countries ¹										
Official development assistance	15.9	44.8	75.4	91.4	84.2	69.8	79.1	45.2	75.6	70.0
Bilateral grants ²	6.9	13.8	27.3	25.5	27.7	27.6	28.7	29.4	36.7	41.5
Bilateral loans	3.3	6.3	14.1	19.2	13.4	14.2	15.6	17.8	21.1	23.4
Multilateral contributions ³	2.4	3.5	4.0	5.0	5.0	4.4	4.2	4.1	5.2	8.6
Other official flows	1.3	4.0	9.2	7.3	9.3	9.0	9.0	7.5	10.4	11.6
Private flows at market terms	1.1	3.9	5.3	6.6	7.4	4.9	6.2	3.4	2.1	2.0
Direct investment	7.0	25.7	40.4	57.2	46.6	35.0	41.6	9.4	33.4	23.1
Private export credits	3.7	10.3	10.1	15.4	10.4	7.8	10.9	6.5	10.9	20.1
Portfolio investment	2.2	3.5	11.5	10.5	7.3	5.3	3.5	.8	-1.6	(NA)
Private voluntary agencies	1.2	11.9	18.7	31.3	28.8	22.2	27.2	2.1	24.1	(NA)
Organization of Petroleum Exporting Countries ⁴	.9	1.3	2.4	2.0	2.3	2.3	2.6	2.9	3.3	3.3
Official development assistance	.6	8.8	10.8	10.8	7.7	5.9	3.7	4.1	3.8	(NA)
Other official flows	.4	6.2	9.7	8.3	5.8	5.0	4.6	3.6	4.7	3.3
Centrally-planned economies: ⁵	2	2.6	1.1	2.5	1.9	.9	-.9	.5	-.9	(NA)
Official development assistance	1.0	1.5	2.6	3.1	3.1	3.5	3.4	3.6	4.5	4.9
Total net flow to developing countries, by DAC country ¹	15.9	44.8	75.4	91.4	84.2	69.8	79.1	45.2	75.6	70.0
United States	6.4	17.7	13.9	26.4	30.2	22.0	28.6	1.8	18.2	13.2
Official development assistance	3.2	4.2	7.1	5.8	8.2	8.1	8.7	9.4	9.6	8.9
Bilateral grants ²	1.4	1.7	3.0	3.2	3.8	4.5	5.6	7.3	7.0	6.7
Bilateral loans	1.3	1.2	1.4	1.2	1.1	1.0	.8	.9	.8	.3
Multilateral contributions ³	.5	1.2	2.8	1.5	3.3	2.5	2.3	1.2	2.0	1.9
Other official flows	.1	.9	1.1	.9	1.6	(2)	1.0	2.2	-.8	-1.8
Private flows at market terms	2.5	11.8	4.3	18.7	19.1	13.6	17.4	-9.3	7.5	4.4
Direct investment	1.9	7.2	3.4	6.5	5.5	2.3	4.4	9.9	3.1	8.0
Private export credits and portfolio investment	.6	4.6	.9	12.2	13.6	11.2	13.0	-10.2	4.4	-3.6
Private voluntary agencies	.6	1.8	1.3	1.0	1.3	1.3	1.5	1.5	1.8	1.6
Australia	.4	.6	.9	.8	1.2	1.0	1.0	1.5	1.2	1.1
Austria	.1	.2	.3	.3	.1	.1	.1	.2	.1	.2
Belgium	.3	.9	2.9	2.8	.7	.8	3.5	1.3	-.8	-.3
Canada	.6	2.0	3.2	5.8	1.9	2.8	2.8	1.7	1.6	2.4
Denmark	.1	.8	.8	.9	.8	1.1	.6	.4	.5	.9
Finland	(2)	1	2	2	2	2	3	3	4	.6
France	1.8	3.9	11.6	11.5	13.6	9.3	8.9	8.7	9.2	11.8
Ireland	(NA)	(2)	(2)	(2)	(2)	(2)	.1	.1	.1	.1
Italy	.7	1.6	4.0	3.7	5.0	3.1	2.3	2.2	2.6	2.0
Japan	1.8	2.9	6.8	12.2	8.9	7.9	11.7	11.6	21.5	22.5
Netherlands	.4	1.3	2.4	2.2	2.5	2.2	2.0	2.6	2.8	3.3
New Zealand	(2)	.1	.1	.1	.1	.1	.1	.1	.1	.1
Norway	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1
Sweden	.1	.3	.9	.7	.8	.7	.6	.6	.7	.9
Switzerland	.2	.8	1.9	1.4	1.8	1.3	1.3	1.4	1.7	1.6
United Kingdom	.1	.7	2.7	2.3	3.2	3.3	3.4	2.5	1.4	-1.4
West Germany	1.3	6.6	12.2	11.0	6.3	6.1	4.8	2.5	6.5	2.3
	1.5	5.0	10.6	8.1	7.0	7.0	6.5	5.8	7.9	8.8

NA Not available. Z Less than \$50 million. ¹ Includes flows to OPEC countries (see footnote 4). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Ireland, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, United States, and West Germany. ² Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). ³ Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. ⁴ Algeria, Ecuador, Gabon, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. ⁵ Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, and Soviet Union.

NO. 1448. PER CAPITA PUBLIC AND PRIVATE AID TO DEVELOPING COUNTRIES: 1980 TO 1986

[In dollars. See headnote, table 1447. Private aid figures exclude government subsidies to voluntary agencies. Countries are ranked by per capita gross national product in 1986.]

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID		
	1980	1985	1986	1980	1985	1986		1980	1985	1986	1980	1985	1986
Switzerland	40	46	64	10	8	10	France	77	72	92	1	1	2
United States	31	39	40	6	6	7	Austria	24	33	26	3	2	3
Japan	23	31	46	(2)	(2)	(2)	Netherlands	115	78	119	6	7	10
Norway	113	138	191	8	12	14	Belgium	60	45	56	5	2	2
Sweden	116	101	130	7	9	10	United Kingdom	33	27	31	2	3	3
Denmark	92	86	136	3	3	2	Australia	45	47	47	3	3	2
West Germany	58	48	63	7	7	9	Italy	12	19	42	(Z)	(Z)	(Z)
Finland	23	43	64	3	3	6	New Zealand	23	16	23	2	3	2
Canada	45	64	66	4	7	7	Ireland	9	11	18	-	6	6

- Represents zero. Z Less than 50 cents.

Source of tables 1447 and 1448: Organization for Economic Cooperation and Development, Paris, France, unpublished data.

Military Expenditures

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NO. 1449. MILITARY EXPENDITURES IN CURRENT AND CONSTANT (1984) DOLLARS: 1975 TO 1985

In millions of dollars, except as indicated. See also table 533. For most countries, data for expenditures and for GNP were based on local currencies which were deflated to constant 1984 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1984 average par/market exchange rates as supplied by the International Bank for Reconstruction and Development.

COUNTRY	CURRENT DOLLARS					CONSTANT (1984) DOLLARS				Per capita (dollars)		Percent of GNP ¹	
	1975	1980	1983	1984	1985	1975	1980	1985	1980	1985	1980	1985	
United States.....	90,950	144,000	217,200	237,100	265,800	165,200	181,000	257,600	795	1,077	5.3	6.6	
Algeria ²	410	951	1,397	1,385	1,364	746	1,196	1,322	63	60	2.9	2.5	
Argentina.....	870	2,301	3,193	2,676	2,368	1,581	2,891	2,295	102	76	3.6	2.3	
Australia.....	1,816	3,019	4,300	4,626	5,105	3,299	3,795	4,948	260	315	2.5	2.9	
Austria.....	312	553	2,818	2,849	(NA)	568	694	(NA)	92	112	1.1	1.3	
Belgium.....	1,117	2,013	2,403	2,407	2,414	2,029	2,530	2,339	257	237	3.3	3.0	
Brazil.....	915	1,104	1,602	1,655	2,307	1,662	1,387	2,236	11	216	.7	2.0	
Bulgaria ²	2,205	3,119	4,308	4,465	4,638	4,007	3,920	4,495	443	503	7.3	8.0	
Canada.....	2,716	4,461	6,195	7,196	7,902	4,934	5,607	7,658	233	302	1.9	2.3	
Chile.....	353	550	672	726	760	640	692	736	62	61	3.6	4.1	
China:													
Mainland ²	12,500	18,860	22,430	23,850	24,870	22,710	23,700	24,100	24	23	10.5	6.7	
Taiwan.....	1,074	2,315	4,026	3,821	2,740	1,951	2,910	2,459	164	238	6.6	2.7	
Cuba ²	393	1,140	1,470	1,586	1,600	714	1,433	1,551	148	154	6.5	5.4	
Czechoslovakia ²	3,615	5,982	7,262	7,565	7,923	6,567	6,764	7,678	443	495	5.4	5.8	
Denmark.....	608	991	1,238	1,260	1,269	1,105	1,233	1,230	241	241	2.5	2.3	
East Germany ²	4,648	7,259	9,966	10,590	11,290	8,443	9,123	10,940	545	657	5.8	6.4	
Egypt ²	3,912	2,547	6,475	5,581	6,294	7,107	3,201	6,100	76	124	9.2	14.2	
El Salvador.....	31	109	173	2,272	2,254	57	137	2,246	29	49	2.7	2.5	
Finland.....	309	577	821	772	(NA)	661	725	(NA)	152	315	1.8	3.1	
France.....	8,456	15,040	19,530	20,210	20,800	15,360	18,900	20,160	351	365	4.0	4.1	
Greece.....	981	1,456	1,983	2,412	2,506	1,782	1,830	2,428	190	244	5.5	7.2	
Hungary ²	1,759	2,638	3,167	3,233	3,536	3,195	3,315	3,427	310	322	4.4	4.4	
India.....	2,202	3,992	6,300	7,025	7,493	4,000	5,017	7,261	9	9	3.4	3.0	
Indonesia.....	970	1,648	2,031	2,119	2,181	1,763	2,071	2,114	13	212	3.1	2.5	
Iran.....	13,440 ²	27,725	28,376	21,1690	(NA)	24,410	28,708	(NA)	248	2357	2.6	2.7	
Iraq ²	3,266	12,160	15,160	15,920	(NA)	5,969	15,280	(NA)	1,158	1,044	22.5	3.42	
Israel.....	3,135	5,410	5,614	6,447	3,678	5,695	6,799	2,3564	1,819	2,875	29.2	2.13	
Italy.....	3,860	6,589	8,754	9,353	10,010	7,012	8,280	9,699	147	170	2.4	2.7	
Japan.....	4,115	7,800	11,250	12,360	13,490	7,475	9,928	13,080	85	108	.8	1.0	
Kuwait.....	682	885	1,389	1,419	1,513	1,240	1,112	1,467	812	857	3.0	6.3	
Malaysia.....	436	889	2,147	2,126	2,227	792	1,117	2,190	81	277	4.4	2.8	
Mexico.....	491	525	810	1,081	1,052	892	660	1,019	9	13	.4	.6	
Morocco.....	205	538	554	563	780	372	676	756	33	33	6.5	6.5	
Netherlands.....	1,907	3,025	3,729	3,978	4,051	3,464	3,802	3,926	269	271	3.1	3.1	
Nicaragua.....	50	2190	2,468	2,597	2,702	91	239	680	86	215	5.8	16.8	
Nigeria.....	2,419	2,065	2,165	2,125	2,088	4,394	2,595	2,055	29	210	2.7	2.1	
North Korea ²	2,000	3,500	4,900	5,200	5,400	3,633	4,399	5,233	246	257	22.6	2.2	
Norway.....	696	1,143	1,581	1,555	1,853	1,264	1,437	1,795	352	432	3.0	3.2	
Oman.....	698	1,178	1,942	2,108	2,157	1,287	1,481	2,090	1,505	1,813	22.1	24.4	
Pakistan.....	654	1,059	1,921	1,981	2,378	1,188	1,331	2,305	18	23	5.0	6.4	
Peru.....	409	2,805	2,872	2,1376	2,1888	743	2,011	2,345	258	268	2.9	2.8	
Philippines.....	400	488	525	380	400	726	614	388	12	7	1.9	1.3	
Poland ²	6,919	9,714	12,420	13,560	14,810	12,570	12,210	14,160	343	381	5.3	6.0	
Portugal.....	428	592	638	629	650	777	668	630	68	82	3.6	3.3	
Qatar.....	85	604	(NA)	(NA)	2,308	154	780	2,238	3,293	2,768	9.3	24.6	
Romania ²	2,885	3,793	5,181	5,205	5,473	5,240	4,767	5,304	215	233	4.3	4.3	
Saudi Arabia.....	6,267	16,090	26,820	21,890	22,900	11,980	20,220	22,190	1,992	1,651	14.4	2.44	
Singapore.....	247	562	701	988	2,196	448	707	2,159	293	453	5.3	2.6	
South Africa.....	1,176	2,697	2,3134	2,978	(NA)	2,136	3,390	(NA)	116	383	5.2	3.42	
South Korea.....	1,092	2,953	4,229	4,433	4,891	1,983	3,711	4,740	97	115	6.1	5.5	
Soviet Union ²	128,000	201,000	250,000	264,000	275,000	232,500	252,600	266,500	948	956	13.0	12.5	
Spain.....	1,984	2,212	3,172	3,502	(NA)	3,604	2,780	(NA)	74	91	1.9	2.3	
Sweden.....	1,502	2,176	2,779	2,836	2,932	2,729	2,793	2,841	329	340	3.1	3.0	
Switzerland.....	893	1,565	1,972	2,123	2,244	1,622	1,986	2,175	308	333	2.1	2.2	
Syria.....	1,171	2,983	2,4158	2,4331	2,4512	2,127	2,995	2,4372	345	2422	17.1	22.8	
Thailand.....	340	1,065	1,442	1,602	1,892	617	1,338	1,834	29	35	4.0	4.4	
Turkey.....	1,151	1,405	2,185	2,190	2,416	2,091	1,770	2,342	39	46	4.4	4.6	
United Arab Emirates.....	34	1,724	1,973	1,932	2,1385	61	2,167	2,1342	2,166	2,855	6.2	5.7	
United Kingdom.....	10,200	16,070	21,400	22,620	24,200	18,530	20,200	23,450	359	414	5.0	5.3	
Venezuela.....	482	537	709	752	2,682	875	675	2,661	45	238	1.3	2.4	
West Germany.....	10,030	15,560	19,500	20,130	20,800	18,220	19,550	20,160	318	330	3.3	3.2	
Yugoslavia.....	987	1,494	1,495	1,614	1,690	1,757	1,878	1,638	84	71	4.3	3.7	

NA Not available. ¹ Military expenditure as percent of gross national product. For additional information on comparisons between communist and noncommunist countries, see footnote 4, table 533. ² Estimated. ³ For 1984.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 1450. ARMED FORCES PERSONNEL—NUMBER AND RATE, BY COUNTRY: 1975 TO 1985

[Personnel data as of July. Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included.]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1975	1980	1982	1983	1984	1985	1975	1980	1982	1983	1984	1985
United States.....	2,098	2,101	2,201	2,222	2,244	2,289	9.7	9.2	9.5	9.5	9.5	9.6
Algeria.....	80	101	120	130	170	170	5.0	5.4	6.0	6.3	8.0	7.7
Argentina.....	180	155	175	175	174	129	6.1	5.5	6.0	5.9	5.8	4.3
Australia.....	70	71	73	73	71	70	5.1	4.9	4.8	4.8	4.6	4.5
Austria.....	50	40	40	50	40	40	6.6	5.3	5.3	6.6	5.3	5.3
Belgium.....	103	108	109	109	107	108	10.5	10.9	11.0	11.1	10.9	11.0
Brazil.....	455	450	460	460	459	496	4.2	3.7	3.5	3.5	3.4	3.5
Bulgaria.....	175	182	175	177	177	177	20.1	18.3	19.7	19.9	19.8	19.8
Canada.....	78	82	81	81	82	83	3.4	2.4	3.3	3.3	3.3	3.3
Chile.....	110	116	116	126	123	124	10.8	10.6	10.1	10.6	10.4	10.3
China:												
Mainland.....	4,300	4,650	4,350	4,100	4,100	4,100	4.7	4.7	4.3	4.0	4.0	3.8
Taiwan.....	504	465	457	454	470	440	31.3	26.1	24.8	24.2	24.7	22.8
Cuba.....	120	220	230	250	297	297	12.9	22.8	23.5	25.3	29.8	29.5
Czechoslovakia.....	210	212	213	214	213	214	14.2	13.9	13.9	13.9	13.8	13.8
Denmark.....	34	33	32	30	31	29	6.7	6.4	6.2	5.9	6.1	5.7
East Germany.....	220	231	253	240	240	240	13.1	13.8	14.0	14.4	14.4	14.4
Egypt.....	400	447	447	447	466	466	10.8	10.6	9.9	9.6	9.5	8.5
El Salvador.....	8	16	28	32	45	48	1.9	3.4	6.0	6.7	9.2	9.6
Finland.....	40	36	36	40	40	(NA)	8.5	7.5	7.5	8.2	8.2	(NA)
France.....	585	575	578	578	571	563	11.1	10.7	10.6	10.6	10.4	10.2
Greece.....	185	186	186	177	197	206	20.5	19.3	19.0	18.0	19.9	20.7
Honduras.....	12	14	17	19	20	21	3.8	3.7	4.2	4.5	4.6	4.7
Hungary.....	118	119	110	105	105	116	11.2	11.1	10.3	9.8	9.8	10.9
India.....	1,670	1,104	1,120	1,250	1,380	1,515	2.7	1.6	1.6	1.7	1.8	2.0
Indonesia.....	260	250	280	280	281	281	1.9	1.8	1.7	1.7	1.7	1.6
Iran.....	385	305	240	240	335	345	11.5	7.8	5.7	5.5	7.4	7.3
Iraq.....	155	430	404	434	788	788	13.9	32.6	28.5	29.5	51.7	49.8
Israel.....	172	196	205	205	205	195	51.1	52.4	53.1	52.2	51.2	47.8
Italy.....	450	500	517	498	508	531	8.3	8.9	9.1	8.8	8.9	9.3
Japan.....	237	242	243	241	241	241	2.1	2.1	2.1	2.0	2.0	2.0
Kuwait.....	25	12	13	13	15	16	24.8	8.8	8.7	8.3	9.2	9.3
Malaysia.....	78	83	95	105	105	124	6.2	6.0	6.6	7.1	7.0	8.0
Mexico.....	95	120	130	130	129	140	1.5	1.7	1.8	1.7	1.7	1.8
Morocco.....	75	117	125	135	149	165	4.1	5.7	5.8	6.1	6.6	7.1
Netherlands.....	107	107	106	104	103	103	7.8	7.6	7.4	7.2	7.1	7.1
Nicaragua.....	5	24	41	46	67	74	2.1	8.6	13.8	15.2	21.6	23.4
Nigeria.....	270	150	144	144	144	134	3.5	1.7	1.5	1.5	1.4	1.3
North Korea.....	470	700	782	784	784	784	29.6	39.1	41.7	40.9	39.9	38.5
Norway.....	38	40	40	41	39	41	9.6	9.7	9.7	9.9	9.4	9.9
Oman.....	12	15	15	20	25	25	15.7	15.2	14.3	18.5	22.4	21.7
Pakistan.....	502	457	584	584	646	644	6.7	5.5	6.4	6.2	6.7	6.5
Peru.....	95	151	164	167	135	128	6.3	8.7	8.0	8.9	7.0	6.5
Philippines.....	120	155	157	157	157	157	2.7	3.0	2.9	2.8	2.8	2.7
Poland.....	435	421	429	430	430	432	12.8	11.8	11.8	11.8	11.6	11.8
Portugal.....	104	88	91	93	100	101	11.0	9.0	9.1	9.3	9.9	9.9
Qatar.....	5	6	6	6	6	6	30.3	28.0	23.5	22.5	21.5	20.6
Romania.....	220	215	238	244	244	244	10.4	9.7	10.6	10.8	10.8	10.7
Saudi Arabia.....	75	79	80	80	95	86	10.3	7.8	7.0	5.6	7.4	7.1
Singapore.....	27	50	60	60	59	59	11.9	20.7	24.3	24.0	23.3	23.1
South Africa.....	50	70	78	77	97	95	2.0	2.4	2.6	2.5	3.0	2.9
South Korea.....	630	800	601	602	602	600	17.2	15.7	15.3	15.1	14.9	14.6
Soviet Union.....	4,100	4,400	4,500	4,500	4,800	4,500	16.1	16.5	16.6	16.4	16.3	16.1
Spain.....	375	341	353	340	411	(NA)	10.5	9.1	9.3	8.9	10.7	(NA)
Sweden.....	75	70	70	68	69	(NA)	9.2	8.4	8.4	8.2	8.3	(NA)
Switzerland.....	25	23	23	28	25	(NA)	3.9	3.6	3.6	4.3	3.8	(NA)
Syria.....	230	250	300	400	402	402	31.2	28.8	32.3	41.5	40.2	38.8
Thailand.....	227	234	250	250	250	270	5.4	5.0	5.1	5.0	4.9	5.2
Turkey.....	584	717	769	824	815	825	14.4	15.9	16.3	17.0	16.5	16.3
United Arab Emirates.....	21	44	44	44	44	44	40.4	44.0	36.6	33.4	30.6	28.0
United Kingdom.....	348	330	335	333	336	335	6.2	5.8	5.9	5.9	5.9	5.9
Venezuela.....	56	55	56	56	64	71	4.3	3.7	3.5	3.4	3.8	4.1
Vietnam.....	643	900	1,000	1,000	1,000	1,000	25.8	16.8	17.8	17.4	16.9	16.5
West Germany.....	491	490	495	496	487	495	7.9	8.0	8.0	8.1	8.0	8.1
Yugoslavia.....	270	258	258	259	259	220	12.6	11.6	11.4	11.4	11.3	9.5

NA Not available.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.